

Bulletin of the

American Iris Society

Number 261 April 1986



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OF THE
AMERICAN IRIS SOCIETY**



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Editor-in-Chief: Keith Keppel, P.O. Box 8173, Stockton, CA 95208
Tel. (209) 463-0227

Associate Editors: Joe Gatty, 451 N. Lillian, Stockton, CA 95205
Philip Edinger, P.O. Box 637, Cloverdale, CA 95425

Advertising Editor: Kay Nelson, P.O. Box 37613, Omaha, NE 68137
Tel. (402) 895-9112

Managing Editor: Phillip Williams, P.O. Box 41, Eagleville, TN 37060

International News: Bee Warburton, 2 Warburton Lane, Westboro, MA
01581

Photo Coordinator: Maryann Anning, 12864 Viscaino Road, Los Altos Hills,
CA 94022

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—Communications concerning the **business matters** of the Society should be addressed to **Jeanne Stayer**, 7414 E. 60th Street, Tulsa, OK 74145.

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Registrations: Keith Keppel, P.O. Box 8173, Stockton, CA 95208. Send all registration applications and \$5.00 payable to AIS, to registrar Kay Nelson, P.O. Box 37613, Omaha, NE 68137
Robins: Janice Badger, 6202 Champion Road - Rt. 2, Chattanooga, TN 37416
RVP Counselor: Walter A. Machulak, S. 82 W. 12877 Acker Drive, Muskego, WI 53150
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TABLE OF CONTENTS

| | |
|--|----|
| 1985 Hybridizers' Medals: D. Foster, O. D. Niswonger | 6 |
| Hilda Crick New Board Member | 9 |
| Distinguished Service Medal Awarded to Ben Hager | 10 |
| New Regional Vice Presidents | 10 |
| The Vernal Iris Roy Davidson | 19 |
| Miniature Tall Bearded Update Jean Witt | 22 |
| Notes on Florence Gian Luigi Sani | 29 |
| Foreign Trade Keith Keppel | 39 |
| Guest Iris Request: Sooner State '88 | 49 |
| 1986 Membership Contest Rules | 50 |
| A Topical Collection of Iris Stamps . . . Harry Kuesel | 62 |

Regular Features

| | | | |
|-------------------------------|----|-----------------------------|-----|
| President's Page | 4 | Youth Views | 61 |
| AIS Sales Items | 5 | In Memoriam | 74 |
| International News | 28 | Advertising Rates | 74 |
| Flight Lines | 43 | Gifts to AIS | 75 |
| Bulletin Board | 48 | Membership Rates | 115 |
| Approved Affiliates | 51 | | |

List of April Advertisers 73

Cover: A truly American iris—*Iris verna*, photographed in habitat in the Appalachian Mountains by Leland Welsh. See Roy Davidson's article on this species, starting on Page 19.

ADDITIONAL PHOTO CREDITS

Mary Louise Dunderman, 24; Merry Haveman, 23 top right; Don Koza, 27 bottom right; Sharon McAllister, 25; Robertson's Photography, 8; Prof. Gian Luigi Sani, 33, 35; Greg Schifferli, 23 bottom left; Senchuk-Crandall, 16 top right; David Sindt, 23 top left and bottom right; Bob Tweed, 63-71; Jean Witt, 27 top right.



From the Desk of the President

Ron Mullin

Our favorite time is here again. Irises are in bloom across the country, and the show season comes with it. In addition, it is practically time for the AIS Convention. Make the most of this happy time for all irisarians by visiting as many gardens and shows as you can. Be sure to take notes on garden performances and plant habits, not just on the beauty of the flower. This admonition applies especially to those of you who are judges.

One member of our AIS team has been forced to resign his position for personal reasons. To Jim Mahoney go my thanks for his fine work in the Robin program. Jim performed his duties faithfully even though it was sometimes difficult, and such dedication certainly deserves our praise.

AIS membership is well over the 7000 mark, but the dropout rate is still high in some areas. Let's make an effort to keep the members we so diligently recruited. Enthusiasm for recruitment is always high, but let's keep that same enthusiasm for keeping the members who joined.

Computers have been purchased for the offices of the Registrar and the Membership Secretary. After the pertinent information is entered into these computers, AIS will be able to provide more records than ever before. It will take time to enter this information, however, so let's give Kay and Carol time to complete this task.

Elsewhere in this issue you will find particulars on ordering the 1969 Check List reprint. This book contains much data sought by historians and hybridizers, and we are pleased that this information is once more readily available.

I hope to see many of you in San Jose for the convention later this month. No matter where the convention is held, it is a fun time. When it is in Region 14, we have the opportunity to visit more commercial gardens than we have at any other place. Convention attendance is the icing on the cake for the dedicated AIS member.



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1985 Hybridizers' Medals

At the fall Board of Directors meeting in Oklahoma City last November, Hybridizers' Medals were voted to two of the society's prominent hybridizers—Doris Foster and Dave Niswonger.

Doris Foster

Doris grew up near Calgary, Alberta, Canada. Even at an early age, she had a love for flowers, in those days the prairie wildflowers.

She went to business college and became a legal secretary, working first in Calgary, then Vancouver, British Columbia, and finally in Los Angeles. It was in Los Angeles that she met Charles Foster, and they were married in 1941. Doris and Charles have two sons and one daughter.

With marriage, family, and a move to the suburbs, Doris could finally have a garden. First there was the "lawn" period, followed by the "rose" period when stretches of lawn gave way to thorned bushes, and this was followed by the "flower arranging" period, when the garden was filled with special materials destined for flower arrangements.

Someone in her flower arranging class gave Doris some irises. They were planted, but did not make that much of an impact until several years later, when Doris went on a home and garden tour sponsored by the Girl Scouts. One of the gardens was the beautiful iris-filled garden of Grace Kallam, and Grace was in the garden, demonstrating how to hybridize irises. Grace became Doris' good friend and steered Doris and her garden into the "iris" period.

It was 1957 when Doris made her first crosses, on tall bearded. Then Jennie Hopson persuaded her to specialize in the arils, and Wiloh Wilkes shared pollen and plants of her arilbred seedlings. The die was cast, and the long love affair with these unique irises of globular form, contrasting signals, and exotic veining and dotting began.

When good seedlings started to appear, Doris went into her "photography" period to record the results and aid in selecting for introduction. For a number of years, the Fosters carried on a commercial iris venture and shipped irises to many parts of the world.

Doris' pen-and-ink drawings of irises were printed as notepaper and sold along with the irises. This "art" period culminated in her taking painting lessons, and oil painting is still one of her major interests.

During the years since Doris discovered irises and iris societies, she has been active in various organizations. She has served on the Board of Directors for the Southern California Iris Society and for more than twenty years she has been a Director-at-Large for the Aril Society International. She is also a member of rose and hibiscus societies and garden clubs.

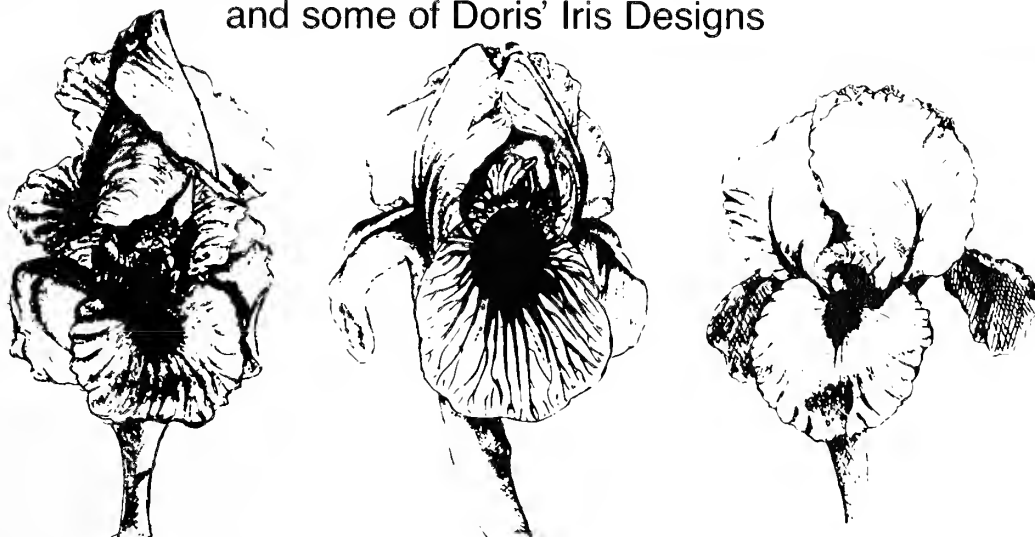
Her iris introductions have been mostly arilbreds and aril-medians, but she has also worked with pacific coast natives. She has won the C. G. White Award twice: BETHLEHEM STAR (1969) and BETHLEHEM SONG (1973).

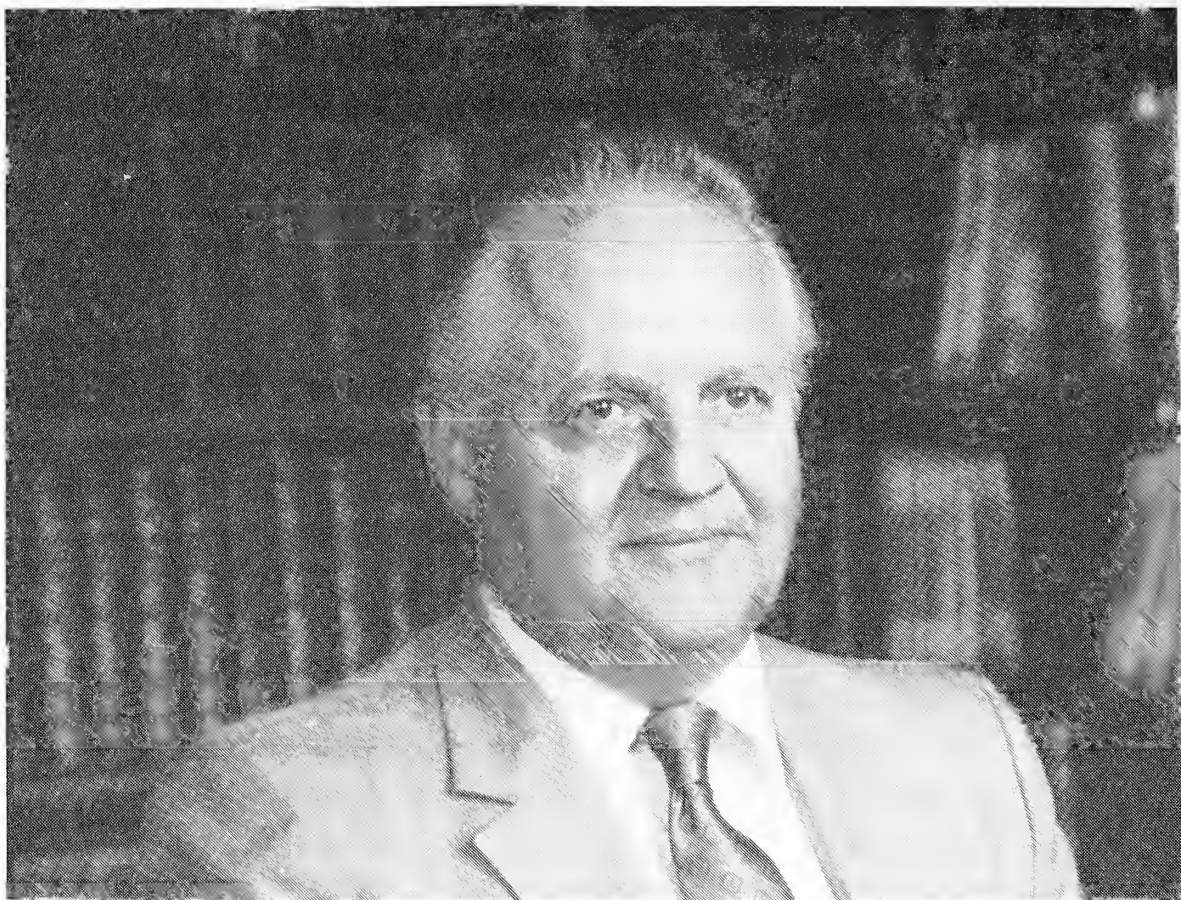
She has also won the William Mohr Award four times: FAIRY GOBLIN (1973), MINT PARFAIT (1975), STITCHERY (1976), and LITTLE ORCHID ANNIE (1978). She has also received awards from the International Competition for Low Irises, Vienna, for MINT PARFAIT, HIDDEN VIOLETS and FAIRY GOBLIN.

It's a far cry from Canadian prairie wildflowers to Near-East desert irises, but aril enthusiasts the world over are glad that Doris was able to make the transition.



Doris and Charles Foster
and some of Doris' Iris Designs





Dave Niswonger

O. David Niswonger was born on his grandfather's farm at Patton, Missouri, on December 6, 1925. He was interested in plants and remembers the irises in his grandmother's garden, but serious gardening ventures had to wait. His father was a preacher, and by the time Dave entered college, the family had moved from parsonage to parsonage, town to town, ten times. Vegetables and annuals might make it to maturity, but perennials were too risky!

He was a pre-med student at SEMO University in Cape Girardeau, Missouri, getting his B.S. Degree in Biology in Chemistry. His Masters Degree in Public Health came from the University of North Carolina at Chapel Hill. He is currently Hospital Administrator for Southeast Missouri Hospital in Cape Girardeau, where he has worked for the past 25 years.

Dave and his wife, the former Marie Deneke, have two sons and a daughter, plus three grandchildren.

With college and a stint in the navy as a hospital corpsman out of the way, Dave's life became settled enough that he could follow his gardening instincts. He grew dahlias, and named two of his seedlings. He has introduced or registered six gladiolus varieties; one of his seedlings won an All American Award in the All American Gladiolus Trials. He is also interested in breeding daffodils, hollies, and nut trees (walnuts, hickories, pecans).

But it is in 1953 that the iris breeding story begins. Dave was living in Poplar Bluff and working as a County Health Department Sanitarian. Part of his job was to transport milk samples to Sikeston, fifty miles away. Gene Buckles

lived in Sikeston and grew dahlias, as did Dave, and they had become friends. Without discussing it with each other, both men decided to grow irises; soon they were hybridizing and sharing pollen.

Dave began breeding spurias in 1967, and the medians came as a later interest. Actually, the border bearded lines were a fortuitous by-product of tall bearded lines. He has also worked with *Iris pseudacorus*, and has gotten some good chartreuse-flowered clones in his quest for a white.

Breeding goals in the tall bearded lines include a true red, whites with blue beards, pinks and yellows with blue beards, pink amoenas, lilacs, oranges, and raspberry tones. In the standard dwarfs, he is especially interested in those with blue beards, and he is also working for wider-hafted pinks. Pink is also a breeding goal with spurias.

So far, Dave has registered 58 tall bearded lines, 4 border bearded lines, 1 intermediate, 6 standard dwarfs, and 22 spurias. The tall bearded lines include RASPBERRY RIPPLES, LILAC TREAT—both of which have won Awards of Merit, TYCOON'S GOLD, SUPREME BLISS, EVERYTHING PLUS, and ORANGE CELEBRITY. The borders RASPBERRY SUNDAE and MARMALADE SKIES have won the Knowlton Medal, and PEACHES 'N' TOPPING won an Award of Merit. HONEY GLAZED was the top vote-getter among intermediate Honorable Mentions in last year's voting. The standard dwarfs LITTLE BLACK-BELT and RASPBERRY JAM won Awards of Merit, and BUTTERED CHOCOLATE won the 1980 Nies Award. His varieties have also won prizes in Italy, Germany and France.

Dave also introduced eleven irises for Gene Buckles, including a border bearded. Selected and named after Gene Buckles' death as BROWN LASSO, this iris went on to win the 1981 Dykes Medal.

Dave has non-gardening interests, also. He is active in the Methodist Church and has served as lay leader, Sunday School teacher and President of the Board. He is a member and past president of the Rotary Club of Cape Girardeau. And, when time permits, there are fishing, hunting, and genealogy research.

Hilda Crick

New Board Member

Mrs. Kearney (Hilda) Crick, Lewisburg, Tennessee, was elected to the AIS Board of Directors for a full three-year term expiring in 1988. She replaces incumbent Richard Pettijohn, who did not seek re-election.

Hilda is well known to convention-goers, having attended almost every one since 1974. A member of AIS since 1965, she has been active in iris groups from the beginning, first in her local club and then in Region 7, where she was Treasurer and Assistant RVP before serving as RVP from 1982-1984.

Her first Board assignment is as chairman of the Judges' Training and Judges Committee. She will be working with Rokki Rockwell during the transition period.

Distinguished Service Medal Awarded To Ben Hager

Pages of the January, 1974 *Bulletin* record the 1973 awarding of the Hybridizers' Medal to Benjamin Ross Hager, co-owner of Melrose Gardens, Stockton, California, and breeder of almost every type of iris known. The April, 1982 *Bulletin* tells of his being awarded the Foster Memorial Plaque by the British Iris Society in 1981, "for the advancement of the genus *Iris*." This *Bulletin* records the fact that in 1985, Ben was awarded the AIS Distinguished Service Medal.

To quote from the letter of nomination received by the Committee for Honorary Awards: "While Ben is respected as a leading hybridizer and authority in our field . . . these things in themselves are not qualifications for the Distinguished Service Medal. Service to the Society is what we look for . . . I have seen very, very few who served the AIS as well as has Ben Hager. He has always strongly supported the AIS and its Sections. He has written for the AIS and other publications, conducted countless judges training programs, and willingly shared his expertise with anyone who asked for help."

We can only wonder what, at this point, he'll plan as an encore; there's not much of anything left he hasn't won!

New Regional Vice Presidents

We have a bumper crop of eleven incoming RVPs chosen by their regions and approved by the AIS Board of Directors in Oklahoma City last November. Their addresses may be found in the RVP roster at the back of this *Bulletin*.

Region 3—Elwood (Bud) Maltman

Bud was born in Wilmington, Delaware, but was raised and educated in West Virginia, returning to Delaware about thirty years ago. Now retired, he was a supervisor in the Engineering Department at E. I. DuPont Co. He also served in the Marine Corps in the Asiatic-Pacific area during World War II. He and his wife Virginia have seven children and eight grandchildren.

Bud first became interested in irises in 1970 after seeing the beautiful Landenberg, Pennsylvania garden of the late Russell Snyder. In 1973 Bud joined AIS and the local affiliate, the Delaware Valley Iris Society. He is a past president of that group and chaired or assisted in their auctions, sales, shows and garden tours. He also served as Regional Vice Chairman for Region 3.

Bud grows tall bearded and border bearded, siberians and japanese irises. Although he has a particular liking for bicolors and plicatas, he has so far resisted the temptation to hybridize.

Other gardening interests include perennials and bulbs to stretch the garden bloom season from early spring to fall and includes crocus, daffodils, tulips and daylilies, but irises are the prime interest. Non-gardening interests are travel, photography and electrical projects.

Region 6—Lynda Miller

Born in Indiana and raised near the town of Markle, Lynda attended Indiana University Division of General and Technical Studies, where she studied accounting and computer procedures. The past six years she has run (with husband Roger's help) a plant nursery and perennial garden, plus a mail-order iris business.

Roger and Lynda have been married 15 years and have two sons, Kenton (13) and Nathan (11), both of whom are also AIS members. Roger had been growing irises for more than ten years when he and Lynda married (he got his start in irises from Emma Cook) and was already a life member of AIS, so Lynda has also joined as a life member.

The Millers grow approximately two acres of TBs, MDBs, medians and siberians, plus a few spurias and louisianas. They do some hybridizing, and so far have introduced 5 MDBs, 3 TBs, and (this year) 2 SDBs.

Although irises are her favorite, Lynda also grows 220 varieties of daffodils. She collects iris artifacts, especially iris mugs. She likes craft projects up to and including assembling a grandfather clock from a kit. She bakes, sings in a trio, bowls, and leads tours at the Fort Wayne Botanical Conservatory.

Lynda has been corresponding secretary for two local iris clubs and was the Indiana State Chairman for Region 6. For the past eleven years, she has also been Secretary-Treasurer for the Dwarf Iris Society.



BUD MALTMAN
Region 3



LYNDA MILLER
Region 6

Region 8—Audrey Machulak

Audrey's interest in irises began in the early '60s, when two sisters-in-law began planning a perennial flower bed with a Schreiner catalog as guide. The fruit of the labor was a blooming success the following spring, and the iris interest began in earnest.

In 1967 Audrey joined the Wisconsin Iris Society and, shortly after, AIS. She is now a Master Judge and has just completed a six-year term as Editor for the Region 8 Newsletter. Her husband Wally is currently on the AIS Board of Directors and is the RVP Counselor.

Audrey's iris garden includes some of the newest tall bearded, but her greatest interest lies in hybridizing SDBs and MDBs. This interest is slowly overtaking space where TBs formerly grew, but Wally's hybridizing work for a "red" iris and pastel-colored lilies prevents her from usurping the entire garden.

Audrey was born and raised on her parents' farm near Milwaukee. The past five years, Wally and Audrey have spent their free time doing farm-connected duties. Fringe benefits have been a chance to hybridize daylilies and a corner of the huge vegetable garden is devoted to daylily seedlings. Audrey continues to think small as she hybridizes for a good strain of miniature daylilies.

She is also a part-time student and she burns the midnight oil doing award-winning creative stitchery.

The Machulaks have one daughter, who is a teacher in the state of Washington.

Region 9—Brian Clough

Brian was born in Michigan City, Indiana and graduated from St. Mary's College, Kentucky, with a major in Philosophy in 1972. It was two years later that he started his iris experience. While his mother was recovering from a long illness, Brian pitched in to divide and replant her iris garden. Unfortunately he replanted them about 6" deep and it took them two years to grow back to the surface and re-establish, but in 1976 and 1977 they did bloom. They were mostly old purple varieties, and when looking through a gardening magazine he found advertisements for iris catalogs that featured irises in many colors. In one of the catalogs was an invitation to join AIS. (He has since become a life member.) The Region 6 RVP invited him to the fall regional meeting in Ohio, where Brian first saw reblooming irises. (He has since become a life member of the Reblooming Iris Society.)

He attended the 1978 National Convention in San Jose and joined local societies in Illinois and Michigan. While attending school in Wisconsin, he attended meetings there during the school term; he also attended meetings of the local societies in southern California while living there for a year.

In 1980 Brian moved back to the Midwest, where he served as vice president and show chairman for the Northern Illinois Iris Society for two years. He has been Region 9 bulletin editor and Assistant RVP for Region 9. In 1983, the Chicago Botanic Garden encouraged formation of a new society to



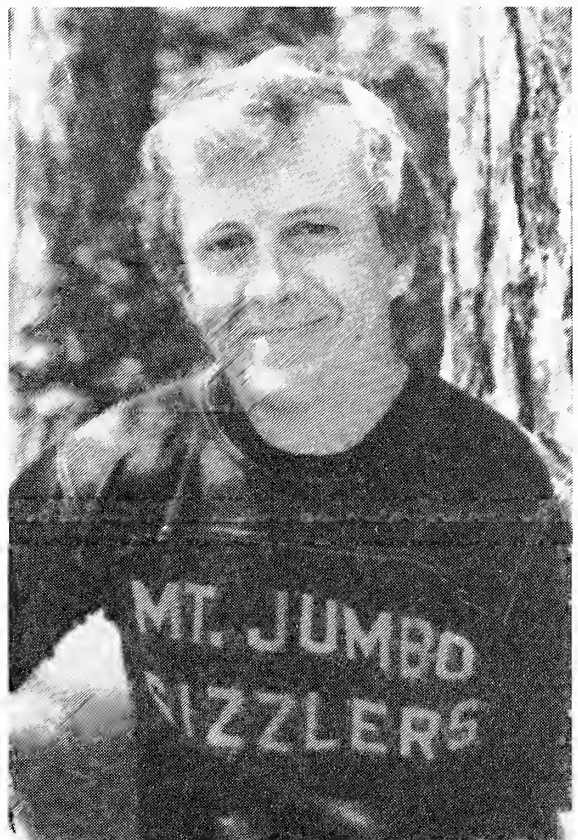
AUDREY MACHULAK
Region 8



BRIAN CLOUGH
Region 9

PATRICIA DEEGAN
Region 10

RONALD DUNN
Region 11



use their facilities and present flower shows, so Brian became founder and president of the North Shore Iris and Daylily Society.

His garden is in downtown Chicago, on the west bank of the Chicago River between Randolph and Washington Streets, where he grows about 200 tall bearded varieties and some of his own reblooming seedlings. This garden has attracted much attention from commuters, as it is near the suburban transit lines and across the river from the office building where Brian works in the Credit Department of Morton Salt Company.

Region 10—Patricia Deegan

A native New Yorker, Patricia has lived most of her married life in the South. When the family moved from Charlotte, North Carolina to Pineville, Louisiana in 1971, she was invited by Ineze Jordan to join the Society for Louisiana Irises. Patricia had grown Japanese and bearded irises in North Carolina, but the Louisiana irises opened up a whole new world.

She was already a Master Nationally Accredited Flower Show Judge, so she attended the AIS Judges' Training Schools and is now an accredited AIS judge.

Patricia has been a member of the Board of Directors, Society for Louisiana Irises. She is an instructor in the Ikenobo School of Japanese Flower Arranging and uses all classes of irises in her designs.

From 1979 to 1981 she served as President of the Louisiana State Council of Nationally Accredited Flower Show Judges. She is presently the Policy Chairman for the Louisiana Garden Club Federation, Inc. She is also a Landscape Design Critic.

Her two loves (*after* her husband and son) are irises and daylilies. She is an accredited judge for the American Hemerocallis Society. Hobbies are gardening, swimming, reading and dancing.

Region 11—Ronald Dunn

Ronn was born and raised in western Colorado, where many of his childhood memories involve gardening. He was educated in Colorado, and his first teaching assignment was in Fairbanks, Alaska. Moving from Fairbanks, Ronn accepted a teaching assignment in Missoula, Montana, and has taught there for the past eighteen years. He presently teaches sixth grade.

Besides iris, his interests include coaching basketball, gardening, reading, and judging horticulture and floriculture. (He is a National Council of State Garden Clubs Judge and an AIS Apprentice Judge.) He also is the Superintendent of Floriculture for the Western Montana Fair.

In Missoula, the "Garden City" of Montana, Ronn came in contact with several of Missoula's most enthusiastic gardeners and the Missoula Iris Society, and was thus convinced that irises were the plants that he most wanted to grow. Since then, he has been very active within the Missoula Iris Society. His iris growing consists mainly of TBs, medians, arilbreds and assorted species.

On a trip to his parents' home in Colorado, Ronn stopped in Roy, Utah,

where he met and “talked iris” with Melba Hamblen, completing his metamorphosis into an ardent irisarian and AIS supporter. He is now looking forward to his first AIS convention this spring in San Jose.

Region 12—Hiram Ames

Born at Roberts, Idaho, raised and schooled in Pocatello, Hiram later graduated from the University of Utah. He and his wife, the former Jeanne Wignall, have four sons and one daughter.

Iris interest began in 1957, when Hiram's brother in Boise sent him a generous assortment of rhizomes to use in the landscaping of his new house. Hiram joined the Utah Iris Society in 1960 and AIS in 1962.

Also in 1962, Hiram made his first iris crosses (“everything that bloomed in the yard”). After reading a local newspaper story about Tell Muhlestein winning the Dykes Medal with SWAN BALLET, he met Tell and saw laced irises for the first time. Since BLACK TAFFETA was his favorite of the irises received from his brother, Hiram decided to breed a laced black. Starting with BLACK TAFFETA and PARTY DRESS, he has been working the line ever since, and the 1983 crop produced what he feels are the first marketable laced black seedlings. (With that accomplished, he now has decided to add a red beard to those laced blacks!)

Hiram has been active in the Utah Iris Society; through the years he has been a board member, show chairman, yearbook editor and society president. He is an accredited judge, and if plans work out, he will be representing the United States at the International Iris Competition this May in Florence, Italy.

Hiram enjoys all phases of gardening and especially likes to try plants no one else in the neighborhood grows. He is also interested in photography.

Region 14—Jean Erickson

Born in Portland, Jean grew up in Idaho. Pursuing a musical career, Jean became a nurse. Moving to the country, she became enmeshed in the joys of gardening to keep her mind off country living, which she did not like. But anyone who knows Jean finds it difficult to believe there is anything she doesn't like or anything she couldn't do if she put her mind to it.

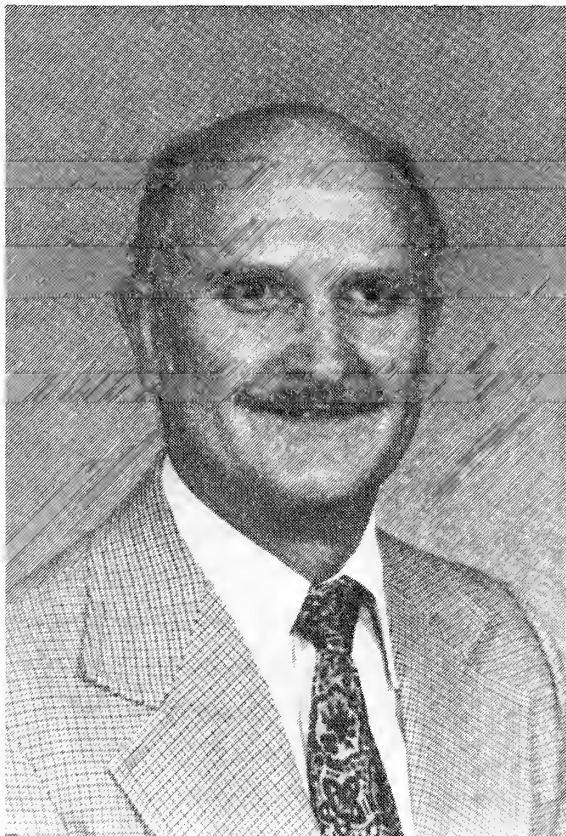
The iris interest began in the early '60s when Jean was given some tall bearded by an aunt and a friend. This was during the nursing phase, and she really hadn't time for flowers. After the move to the country, she and her daughter decided (daughter's suggestion) they would each plant 100 different tall bearded irises. After one bloom season, Jean was hooked and her daughter dropped out. In 1975 Jean saw an advertisement for AIS in a gardening magazine and promptly joined.

Active in the Santa Rosa Iris Society since 1975, Jean is also heavily involved with pacific coast natives. She has been President of the Society for Pacific Coast Native Irises and Editor of its *Almanac*. Since the death of her husband two years ago, she has begun Portable Acres (with Colin Rigby), a



HYRAM AMES
Region 12

ELVAN RODERICK
Region 18



JEAN ERICKSON
Region 14

MARISA NOE
Region 19



venture to help supply plants of these native irises. She still grows bearded irises, species and various beardless types. For Region 14, she has been Membership Chairman and regional bulletin Circulation Manager.

And yes, she still loves music.

Region 18—Elvan (Rod) Roderick

Rod discovered irises at age 14 and by age 16 he was buying irises with egg money generated by his bantam chickens. After time in the navy during World War II, he returned to his native Missouri and married his high school sweetheart. Rod and Pauline have two daughters and a son, plus grandchildren.

A florist by trade, Rod owns his own shop in Desloge. Those who attended the St. Louis convention in 1981 toured his garden adjacent to the shop.

A highly successful hybridizer, Rod was encouraged and influenced by Dorothy Palmer and Georgia Hinkle. A careful, rather than prolific, hybridizer, he raises limited numbers of seedlings from a few crosses, but with excellent results. In addition to the Dykes Medal Winner for 1983, RUFFLED BALLET, Roderick irises that have won Awards of Merit are COPPER CLASSIC, ERLINE RICHESON, PLEATED GOWN and STAR WARS.

He has been a member of AIS since 1954 and is a charter member and past president of the Mineral Area Iris Society.

Region 19—Marisa Noe

Born in Benevento, Italy, Marisa arrived in the United States when she was in high school. She lived in New York City, where she received her B.A. in Languages from Hunter College. She taught Italian for several years, and is presently teaching it, part time, at Kean College. She and her husband, Norman, lived in Middletown prior to making their home in Martinsdale, New Jersey, where she has also taught in the Religious Education Program at her church.

The Noes enjoy classical music, operas, theater, travel and gardening. They are the proud parents of a two-year-old girl.

Although there were always irises (the purple ones) growing in the family gardens in Italy and later in New York, it wasn't until her husband's interest in irises resurfaced and he became an AIS member that she began to enjoy them also. She joined AIS in the late '60s and really got hooked on irises at the Philadelphia convention. With her husband (who was Region 19's RVP from 1975-1977), she grows a variety of irises with the emphasis on rebloomers.

In 1976 she accompanied Norman when he judged the International Iris Competition in Florence. She is now an accredited AIS judge and hopes some day to return to Italy to judge at Florence.

Region 22—Larry Stayer

Larry has lived all his life in Tulsa, except for military time in Japan and Korea during the Korean War. He attended Tulsa public schools and received his B.S. degree in Physics from the University of Tulsa.

He is a Design Engineer with FlightSafety International, Simulation System Division, which designs and manufactures high technology aircraft simulators for the flight training industry.

As a child, Larry was interested in the old "flags" his mother grew. In 1952 he married Norma Jeane Flaim, who just happened to love flowers, especially irises. (And Jeane just happens to be our AIS Secretary!) The iris interest became more serious after attending a local iris show, and the Stayers joined the Tulsa Area Iris Society, then joined AIS in 1972.

Larry has served as President of the Tulsa Area Iris Society and was Transportation Chairman for the 1980 AIS convention in Tulsa.

Hobbies in addition to irises include barbershop singing, bird watching, wildflowers, photography and needlepoint. They both enjoy the theater and concerts.

Although tall bearded irises are his favorite, the Stayers also grow louisianas, siberians and species, among others—for a total count of approximately 600 varieties.



LARRY STAYER
Region 22



The Vernal Iris

Roy Davidson, Washington

The name means Iris of Spring—or if you will—Spring Rainbow. In all-over appearance it has been likened to a little bearded flag-iris such as *Iris pumila*—only minus the beard. In the 1958 British Iris Society *Yearbook*, Mr. Luscombe protested this trite inaccuracy, calling attention to “the neat clean-cut outline without a crinkle and the smooth finish so typical of apogons,” a further disparity being the plant itself, a pleasant, rich evergreen totally unlike any bearded species.

Among the original Linnaean Species of 1753, *Iris verna* bears flowers of classical form and a particular porcelain finish, bright lilac-blue emblazoned with a medallion or bold stripe of yolk-orange, silky pubescent inside, and all this with the economy, contrast and finesse that would inspire a mistress of needlework. Color variants are known, from white to violet.

Iris verna is one of our charming little wildlings, found in southeastern states where we should be paying even more attention to the preservation of habitats. The northern limits were determined to be in the vicinity of the Susquehanna drainage by Dr. Small, with the “little blue flags” to the north all *Iris prismatica* (although that iris is found somewhat to the south as well). Like so many relictual species—as this gives every sign of being—it is frequent to both sides of the lower Mississippi Valley, in both the Appalachian and Ozark uplands, as is also *Iris cristata*. *I. verna* remains plentiful along the Blue Ridge Parkway (as per our cover) and on the Carolina dunelands, both being protected areas. Otherwise, it is not commonly met with today, in the wild nor in gardens.

Rather than with any pogon species, it might be more nearly compared with the Eurasian *Iris ruthenica*, both visually and structurally, even though they hail from different worlds. There are dozens of such parallels in the plant world, as with *Dicentra*, *Trillium*, *Jeffersonia*, *Shortia*, *Asarum*—it is a long list.

Two Distinct Varieties

Two distinct morphologic-taxonomic forms of *Iris verna* were recognized by Fernald in Gray's Manual, 8th edition (1950), and they are disposed in quite

different eco-systems. The type, as sent to Linnaeus from "Virginia," occurs on the Atlantic coastal plain and is characterized by its slender or even cord-like rootstock, whitish rhizomes that are somewhat like true stolons. These may have led some observers to confusion with *I. cristata* that can often be found in proximity, though the rhizomes are not at all similar. This typical form is the variety *verna* to botanists and the one common to the grassy southern pine barren and duneland of the Carolinas, where it frequently may be the strange bed-fellow of the cactus, *Opuntia compressa*.

The second natural taxonomic variety was named *smalliana* to honor Dr. Small, who once proposed removal of this iris, calling it *Neubeckia verna*, but that failing approval, he referred to it as the "primeval or biological type," the other being his "botanical type" of *I. verna*. This is the Piedmont form (called also 'Vernapied' and 'Vernamont' in the iris registry) and it is found in both the Piedmont and Appalachian uplands as well as the Ozarks, and from West Virginia southwards into Alabama and northern Florida, at least in the herbarium records.

The most eminent heights throughout this area hold an ericaceous climax of rhododendrons and azaleas with oxydendrons, kalmias, plus oaks, maples and so forth, beneath which in the black, peaty and lichen-crusted mossy soil are massed *Galax* and *Epigaea* along with wide clumps of the iris, a most enlightening and inspiring assortment. The vernal iris comes to flower from early March in lowlands to late March and even to mid-May higher, and seed is ripened by mid-summer. The chromosome number was reported by Simonet (1934) as being 42.

Cultivation of the Vernal Iris

The oft-repeated secret of growing this charming harbinger is really no secret at all. As with other exacting plants, one must learn what it wants, provide whatever, and then post mental notices: DO NOT DISTURB!

In nature it is able to flower in the bright early spring before the leaves of the deciduous hardwoods cast their shade and to subsist through dry, cool summer days by benefitting from the shade. Like the crocuses, the blossoms are pushed up on elongated tubes atop the ovaries and short stems, all this sheltered within sturdy sheathing bracts until just the right time, triggered no doubt by temperature factors. Unless there is good light, few buds will be formed and, as with most irises, the plant will luxuriate in foliage. Shade from distant trees is of benefit, but not those close at hand; this is one more herb easily prone to winter drip.

In cultivation, this bright little iris has gotten very mixed reviews. It is scarcely known to European gardeners these days, although officially in cultivation, at least in Phillip Miller's repertoire, as early as 1739; the Curtis plate of 1907 was made from material grown in a pot by Lynch at Cambridge. The lack of recent mention there leads to the obvious banishment as "intractable." In the American Rock Garden Society *Bulletin* (Vol. 9, 9; 1951), Hamblin wrote gaily in terms of "easy culture" and "nothing difficult" which drew from Dr. Wherry the enlightenment we needed: in nature, *Iris verna* is to be found

only on the most acid of soils, substratum of which is commonly pure silica sand mingled with black upland peat, with a pH about 4 to 5. Little wonder Dykes could only record disappointment in his limey Thames Basin garden soil. It is thus a prime candidate for the newly re-popular peat-bed cultivation, so well treated by Evans in his book of experiences in Scotland, and though he makes no mention of our iris, that will surely bear correction in the future re-publications. The white form flourishes in a peat-bed at Kew.

Farrar, in his rock gardener's "bible," *The English Rock Garden*, made much of the "exquisite fragrance and starry abundance . . . in early summer . . ." with his not unusual total abandonment of fact; it is not "starry" as irises go and is not of early summer, yet few others have noted the delightful but delicate perfume. Dr. Taylor (SIGNA, p. 708) tells of this little iris "all but naturalized in a damp and semi-shaded peat bog" in Missoula, Montana. Laura Louise Foster has explained that nurserymen confuse this with the crested iris, much to the consternation of us all, but the old reliable Gardens of the Blue Ridge have long supplied this iris and recommend it as a terrarium plant!

Good advice on transplanting, akin to that on whether to marry: If in doubt, don't! At any rate, it is best done (if one must) one warm and wizzeley morning in earliest spring, with proper anticipation, ceremony, and the absolute assurance that a week of splendid, soft days will follow. This in spite of advice to do it in early autumn; fall days are too iffy for most gardens, and unless the plants are well fastened deeply in the earth by roots, they may not come through the first winter. At any rate, dividing down to wee scraps should be left to the expert, and these may be grown on until nicely rooted little plants, which is what you hope to receive when you make a purchase, likely mail order and unseen beforehand. One should not protest a high price for this iris, as it takes at least a year to produce such a plant, and more than likely two. Propagating *Iris verna* can be woefully slow. Seed, if you can get it, should yield flowers in at least the third year.

Records of *Iris Verna*

Alba: at least two have been collected and propagated; see Vernal Snow

Vernal Dawn: light pink, gold throat

Vernal Evening: deep lavender, orange throat

Vernal Fairy: faintest lavender, gold throat

Vernal Night: deep violet, orange throat

Vernal Simplicity: faint, with pale throat

Vernal Sky: near to azure, orange throat

Vernal Snow: snowy white, gold throat

Vernamont: refers to var. *smalliana*

Vernapied (Nicholls): registered name of the Piedmont form = var. *smalliana*

Vexans: catalog name for a selection at one time listed by Mayfair Nurseries (Some of these may be in the Henry Foundation Garden at Gladwyne, Pennsylvania. Mrs. Mary G. Henry assembled the collection during the thirties and forties.)

Miniature Tall Bearded Update

Jean Witt, Washington

Are you fond of irises as cut flowers? Is your garden area limited? Then Miniature Tall Bearded or Table Irises may be just what you are looking for. They provide a lot of color in a small space, quickly forming large, floriferous clumps with stalks enough for indoor use without depleting the garden display. Varieties introduced in the last few years have much greater color intensity than their predecessors, as well as better form, and quite a few are pleasantly fragrant. Most varieties in commerce now meet the exacting criteria developed thirty years ago—slender, graceful, well-branched stems held well above modest foliage. Optimum height is about 21 inches for a flower 3 inches tip to tip; the maximum 25 inch stem will look best with a slightly larger flower, and the 16 inch minimum will need a smaller one, for the proper proportion and balance that is so important to MTBs. The best stems are truly slender— $\frac{1}{8}$ " to $\frac{3}{16}$ " directly under the flower, increasing gradually downward to about $\frac{1}{2}$ " to $\frac{5}{8}$ " just above the rhizome. Flowers of contemporary varieties are almost all flaring or semi-flaring, and they tend to be less ruffled than their TB counterparts, in keeping with the generally daintier aspect of the entire plant.

In planning an MTB bed, we suggest allotting the majority of the space to the more richly colored varieties, with the shortest, darkest ones in front, then adding the light colored ones sparingly. It's easy to end up with too many very pale flowers if one isn't careful. Conversely, blues, light yellows, and whites are still among the most effective irises for the garden, and among the most useful as cut flowers. Personal color preferences will govern which varieties you choose especially for cutting, to match your china, or your interior decor. Provide a little space for a few dainty companion plants, to use with MTBs in arrangements. Some I've found particularly useful are red coral bells (*heuchera*), which are a great foil for white flowers—I now have a white-flowered form as well; their relative, the green-flowered northwest native *Tellima grandiflora*; forget-me-nots, which clash with iris blues, but are fine with pinks and other colors; frothy pink 'London Bridge' saxifrage; pink and white wild bleeding-heart (*Dicentra formosa*); and the half-inch white daisies of feverfew (*matricaria*).

The roster of available varieties of MTBs lengthens every year, and we can't begin to cover them all, so we'll try to hit the high spots:

AACHEN ELF (Kennedy), at the upper end of the size range, was an outstanding performer in Seattle gardens during the 1984 convention, making beautiful bright clumps of yellow and violet, a truly superlative "garden iris." Other favorites were the orange-bearded raspberry-on-white plicata ROSEMARY'S DREAM (Dunderman) with its elegant tailored form and well balanced stems; tiny deep blue NAVY FLIRT (Guild); and orange-bearded medium violet LITTLE PAUL (K. Fisher), which put on a great show in several different gardens.

Yellow MTBs are among the most popular, and rightly so. CHICKEE (Dun-



CONSUMMATION



LITTLE PAUL

Miniature Tall Bearded

FUN AND FANCY



ROSEMARY'S DREAM



derman), the Williamson-White Award winner for 1984, is a tall medium yellow with slightly ruffled flowers. Orange-bearded SPANISH COINS (Witt), 1981 winner of the same award, has tailored flowers and a large clump can put up as many as forty stalks. Canary yellow LOUISE HOPPER (Hager) is another great variety for the mixed perennial bed. Lighter in color are CANARY QUEEN (Rawdon), with considerable white on the falls; frilled pale yellow FAIRY LACE and pert little LEMON FLIRT (both from Dunderman). TUTONE ELEGANCE (Welch) is a very pale bitone in creamy white and ivory. SPRING CREST (Guild) is orange-yellow with a tangerine beard.

WHITE CANARY (Roberts), Williamson-White Award winner for 1979, remains my favorite white because of its ruffled form and faint icy overlay of blue dotting. DAYSTAR (Williamson) can still be included for its red-orange beard. One of the best performers in my garden this past season was Dorothy Guild's SPARKLING CHABLIS, near white with a trace of blue-green through the heart. Another ruffled white with a pale yellow beard is TING-A-LING (Hager), at the lower end of the height range. JUBIE (Williams) has white standards and falls faintly lined in lavender.

Contrasty 1985 Williamson-White Award winner CONSUMMATION (Welch), with little round white-edged dark violet falls is decidedly the most popular of the amoenas, on everybody's want list. DRADY'S GIRL (Mahood) has somewhat brighter violet falls, without the contrasting edge, and clean white standards. VELVET BOUQUET (T. Varner) is a fine violet bitone, rich and bright. At the early end of the season is SHRINKING VIOLET (Hager), a dark violet self with *Iris aphylla* in its background. FAKIR'S FIRE (Guild), rosy red with a darker flush on the falls, has a blue beard and is one of the few MTBs



MTB Planting in Dunderman Garden, Ohio

with SDB in its background; it comes at the early end of the season, as one might expect. FAIR THEE WELL (also Guild) is a violet self with a yellow beard.

Brown bitone DAINTY BRUNETTE (A. Brown) took honors for the most floriferous clump in my MTB bed this past year. Other good browns are early blooming two-toned PARTURIENT (Boushay) and orange-bearded INNER FIRES (Witt), with a yellow heart and a chocolate thumbprint on the falls, both with SDB backgrounds. CHESTNUT TIGER (Guild) is orange-tan, blended with yellow, and with an orange beard. Soft red GUMDROPS (Hager) and dark red BELL BOY (Dunderman) are a couple of shorties for the front row.



DOLL RIBBONS

Plicatas are numerous and varied, and because of their delicate patterns are some of my favorites as cut flowers—even the palest ones find a place here. BARBI DOLL (Guild) has crisply flaring form in a violet-blue and white, with most of the color in the standards. DOLL RIBBONS (Dunderman), 1982 winner of the Williamson-White Award, has both standards and falls narrowly edged bright blue on white, while bitoned DAPPLED PONY (Witt) is heavily dotted all over in dark violet-blue. CONCORD CAFE (Boswell) is tan and white with maroon speckles; CONCORD SPRITE (also Boswell) is creamy white sprinkled red-violet. TEENY BIKINI (Storey) has violet veins on white. Others, which I haven't seen, are BETTINA (Dunderman) in white and orchid-pink; MY MELISSA (Guild), violet on white; SANDINO (Guild), orchid on white; and FUN AND FANCY (Guild) in yellow/cream/brown.

It's hard to choose among the many light to medium blues—besides, every garden really needs several! Williamson-White Award winner for 1980, PANDA (Dunderman) is a good dark one, with a large white flash around the beard. Among the lighter colored ones are DIMITY JANE (Guild), BLUE BISQUE (Dunderman), LITTLE BLUEBEARD (Vaughn)—which really is blue-bearded, SURPRISE BLUE (Dunderman), ruffled pale blue AIMEE (Guild), tiny clear blue JILL WELCH (Welch), flaring medium blue SALLIE LIGHT-FOOT (Witt), and smooth light SATIN BLUE (T. Varner). LAVENDER DOLL (Dunderman) and JOETTE (Williams) are more lavender in tone. PASTELETTE (Guild) is pale orchid.

The perfect pink MTB is still in the wings (young iris breeders looking for a real challenge could well consider tackling this one!). Meantime, we have PUPPY LOVE (Hager)—and we do love it—and also his smoky pink ABRIDGED VERSION with classic thinness of stem and elegant tapered buds. Moreover, there is progress elsewhere. Ken Fisher has brighter pink seedlings with more brilliant beards coming along, as does Terry Varner; at least one of Terry's is proving to be a rebloomer.

The red and yellow legacy of *I. variegata* gives us some of our most brightly colored varieties, particularly in bitones and bicolors. For vividness in the garden, you can't beat DISCO JEWEL, the 1983 Williamson-White Award winner, and ADANA TAPESTRY (both Guild). The former is a blend of orange/red/brown, and the latter is tan and red-violet with twin spots of purple at the haft. REAL JAZZY (Vaughn), with intense yellow standards and red-violet falls edged yellow, has been an eye-catcher from the start, named—unknown to her—by a garden visitor who exclaimed, "Now there's a jazzy little flower!" GRANDPA'S GIRL (K. Fisher) is another with the red and yellow combination. Orange-bearded ZIPPY CHERUB (Guild), with bright gold standards and violet falls edged gold, is guaranteed to brighten any MTB collection. STRIKING GOLD (Guild) has orange-yellow standards and falls striped with red-brown instead of solidly colored. If you want something wild and splashy, try KALEIDOSCOPE or JOSEPH'S COAT—the former a var-plic with anthocyanin in erratic dotted splashes on a yellow ground, the latter with stable anthocyanin, but erratic splashes of yellow and cream. Neither is new, but both have the svelte three-flowered spathes and excellent branching of their venerable



IRIS ASTRACHANICA



**KALEIDOSCOPE
TING-A-LING**



parent HONORABLE, of which they are “sports” rather than seedlings. At the end of the season, winding up almost a month of MTBs if you’ve been lucky in your choices, HERE’S LUCY (Guild), with buff standards and violet-purple falls edged buff, has little round-falled flowers and graceful well-branched stems at their best.

Mention should be made, too, of *I. astrachanica*, recently received from the USSR. It is unusual in that it meets the MTB standards just as it comes to us from the wild—rather like a little lavender and red-violet variegata. Its breeding potential is just beginning to be tried, but it joins a long line of small species—*li. cengialtii*, *pallida*, *variegata*, *reginae*, *aphylla* and others that have made contributions to today’s varieties.

One final word of caution—don’t over-fertilize your MTBs! A modest amount will suit these dainty plants much better than a large dose. Give them just enough to assure that they do well, but no so much that they grow out of class.



International News

Bee Warburton, Editor

Notes from Russia

Dr. Georgii Ivanovitch Rodionenko

As a result of 35 years of effort, my aide and I have managed, under very difficult climatic and soil conditions, to create the richest open-ground collection of iridaria in the USSR. In our collection there are now a thousand species and cultivars of irises and other members of the iridaceous family. We have experimented in the Botanical Garden with more than 10,000 species of *Iridaceae* and only one-tenth have survived. I am glad that during the exhibits the place of honor was occupied by a number of American selections.

I am enthusiastic about the selfless work done by your iris society, your work on the dwarf irises, and especially the persistence with which, for many years, you have labored on the oncocyclus species. I have in mind a variant of the oncocyclus section. Especially interesting, also, is the work with siberian irises, which are no problem for areas of the United States and Canada, and especially for USSR, since they are hardy against bacterial soft rot and have a high resistance to freezes.

During the last years, special successes were achieved by the members of your society with the spuria iris group. In the wild flora (preserves) of the USSR are still large reserves for hybridization with species of spuria irises. Many natural hybrids represent a ready assortment in cultivars. There are forms with vivid coloring, delicate aromas and other aspects valuable for hybridization. During the past ten years I have studied with special attentiveness the wild native spuria irises, species of the subgenus *Xyridion*.

Louisiana Iris Wins First Australian Dykes

Word has been received that the first Australian Dykes Medal to be awarded has been won by a louisiana iris, HELEN NAISH, hybridized by John C. Taylor from Dural, a suburb of Sydney. HELEN NAISH, a white with greenish veining, is from the cross of (Clara Goula X Charlie's Ginny).

Australia's John Taylor should not be confused with John D. Taylor of England, whose medians have earned him two British Dykes Medals!

Notes on Florence: The 1984 and 1985 International Iris Competitions and the Changing Climate

Prof. Gian Luigi Sani, Italy

This past year we have had two iris Competitions at the same time. The 1984 Competition was postponed until 1985 due to 1984's exceptionally poor spring weather, which made it impossible to judge the irises. The cold temperatures held until May, and during the days scheduled for the Competition, a strong southern wind damaged the few flowers that were in bloom and broke many stalks. This wind even carried some sand from the Sahara, and the flowers were covered with a light layer of mud. It was decided to postpone the Competition until the following year.

The year 1984 was exceptional not only in May. We had a very short summer (summer weather for about three weeks) and in the latter half of August it was once again cold. Rain fell incessantly from September until March, 1985, damaging the corn, tobacco and grape crops. Grapes were especially hurt and produced an acid wine with low alcoholic content.

In my work I am in close contact with Nature and plants and have developed deep ties with the natural surroundings. If we come to feel that we are a part of Nature, we can understand many things. I feel certain that the weather and climate have been changing these past few years and that plants are influenced by these changes.

I have followed the progress of the iris garden in Florence since 1955, when we received the first plants for competition. I have been a member of the International Committee since 1957, the year of the first judging. In all these years I have been very fortunate, for I could work with important iris experts, the international judges, from every country of the iris world. Every year at the start of judging, the committee would discuss the weather in various parts of the world. The conclusion was always the same: the weather was changing, the bloom less abundant, and the blooming time later. Spring and autumn were disappearing. For many years we hadn't a real winter; winter temperatures were too high and many plants, such as irises were not completely at rest in winter, so that the spring bloom was less abundant. This statement is clear enough if we look at the slides taken in the iris garden during the years since its inception. In the climate of Florence, the dwarf bearded irises were in bloom in March, the intermediates in April, and the tall bearded irises in May. Among the tall bearded irises, we had some early varieties in bloom at the beginning of May, midseason after the tenth of the month, and the late varieties coming into bloom after May 20, so that the garden was in bloom with bearded irises for the entire month of May. This no longer happens, for they all bloom together and the blooming lasts only two weeks. In addition, the dwarfs and intermediates are in bloom together at the end of April and the intermediates remain to bloom concurrently with the early tall bearded irises.

Where Are the Seasons Going?

First, a summary of the past weather patterns in Florence. January and February were cold and dry months with many clear days with a north wind. March was a month of transition, very variable with sudden changes of temperature. In the same day it would be both sunny and rainy. April was the rainy month. An old proverb says that every raindrop in April means another barrel of wine. These were not storms, but persistent and drizzling rains that soaked the soil and ensured the water supplies for the summer months. May was the typical spring month, fine weather with some showers. It was neither hot nor cold and was probably the best month of the year. June was a summer month, hot, sometimes very hot. July was the hottest of all, and very dry. At the end of the month there were some showers (called St. Anne's showers, as St. Anne's Day is July 26). This is one of the many proverbs about the weather, and their origin indicates that there were no changes in the seasons, even if there was an exceptional year at times. August was the end of the hot season. Another proverb says that there was always a storm "between the two feasts of the Virgin Mary;" that is, between August 15 and September 8. In this period there were some violent storms that marked the end of the hottest period, but it wasn't the end of summer. September was a nice month, with temperatures continually dropping lower, with good days and also some showers. October was vintage time, and it still had a few summer days, but it was autumn and the days were getting colder and shorter and we dressed in between-season clothes. November was the dullest month of the year; it wasn't cold, but there were persistent rains that soaked the soil, helping the germination of wheat and the growing of grass for animals. Even if November was a month characterized by rain, nevertheless we could enjoy two summer periods. The first was called "All Souls' Summer" (All Souls' Day is November 2) and the second was called "St. Martin's Summer" (the saint's day is November 11). These two summer periods were short, lasting only a few days, but characterized by fine days typical of the end of summer. When St. Martin's Summer ended, the bad season really started.

Winter arrived in December with cold and rain. At Christmas there was often snow, with the Arno River frozen over. Now this rarely happens, and if it does, the newspapers publish photos of the exceptional event. In the past, ice was a common sight, and when I was a reckless boy I would slide on the ice, especially along the banks.

Where are the seasons going? Everything has changed these past few years. Spring and autumn have disappeared. We change our winter clothes for summer clothes within a few days' time.

If 1984 was considered to be a bad year insofar as seasons are concerned, then 1985 was even worse, for we had the lowest temperature (-22°C . = -8°F .) in the past 150 years; such a low has never been registered in Florence since we have had a weather station. We have also had a very long and hot summer and a drought such as we have not had in the last 40 years.

Even the meteorologists are now saying that the climate is changing; the

seasons are not as they were, but have become very unpredictable and variable.

Over the years our rainfall pattern has changed completely. We no longer have continuous, incessant rains. Such rains may be boring for those who live in town, but they are necessary to maintain the water table. Even if we do not consider the damages caused by deforestation and fires which destroy thousands of hectares of woodland each year and lead to erosion and landslides, we have had autumn downpours which for several years have caused floods. In 1966 there was a ruinous flood in Florence, but each year floods occur somewhere in Italy. We do not have the usual summer storms, but real tropical storms which also occur in winter.

This past summer it did not rain for many months, and we were compelled to take water from the army tanks going along the streets, for the springs and pools feeding the aqueduct were completely dry. We had to ration water in Florence, and the Arno River became a little brook—an open-air sewer drain. Even so, statistics show that July rainfall was average, and in August it was above average. The difference was that during July rain fell during one hour of one day, and a similar pattern occurred during August. Such a quantity of water falling in such a short time caused flooding in cellars and shops, but gave very little benefit to the parched ground; the rapid run-off caused the rivers and streams to rise rapidly. This pattern indicates that they were tropical storms, not those typical of a temperate climate.

The winds, too, have changed. In Florence, winter was characterized by a cold, dry wind blowing from the north, but this is not true today. Wet, warm south wind used to be rare, but such winds are now frequent, and they blow in every season of the year, but most of all in summer, when they make the climate hot, the sky white, and breathing difficult. Summer winds used to be the cooling, dry winds from the northwest or west. The climate is changing, and plants, which are necessary for human life, are influenced by the change.

What is the Reason for Climatic Change?

I believe, as do many meteorologists, that the principal cause for the change is pollution, which is aggravated by rapid, unregulated progress without due consideration to the natural surroundings. These effects of pollution are more severe in densely populated countries, as in the case of Italy, but also in the U.S.A. When I visited your country some years ago, I noted the pollution, especially near the large cities. This problem affects the entire world.

Air pollution is due to many factors. One is the vast quantity of carbon dioxide and carbonic oxide produced by automobiles and industry; it provokes the so called "greenhouse effect" (in Italian we say "effetto serra") which makes temperatures warmer and warmer. Also, smoke from industries puts a number of dangerous substances into the air. Until now we have spoken only of "acid rain" due to sulfurous acid which, when put into the atmosphere, changes into sulphuric acid and falls to the earth mixed with rain. Such acid rain scalds and often kills plants. If we consider that the wind

can blow these rains for great distances, the death of a forest, though distant from industrial areas, is easily explained. The many other substances discharged into the atmosphere by industries are surely dangerous, but their effects have not yet been studied thoroughly.

In addition, our rivers have become open-air sewers due to the great amount of industrial and urban discharges. Near Milan, cattle have become diseased after grazing on grass irrigated from the much-polluted Lambro River. These rivers, in turn, discharge tons of harmful substances into the sea, and the foul sea water returns to the land driven by sea winds. It has been determined that the death of our pine forests along the coasts is due to detergents discharged into the sea. These detergents dissolve the waxy coating on the leaves of plants living near the sea; this covering protects the plant from brackishness, and without the wax covering the plants are unprotected and die. Oil tankers wash their holds in the sea, and sooner or later the oil will be brought to shore by the sea winds; plants will be coated with an impervious film and die. Thousands of planes streak through the sky, heating and stirring the air; the entire result is unknown, but the climate is affected.

In Italy, thousands of hectares of wood burn each year, which has an incalculable effect on the climate. Consider that one hectare (2.47 acres) of woodland puts about 40,000 liters (10,567 gallons) of water into the atmosphere through transpiration each day—water which will return to earth in the form of rain—and that each hectare puts forth a great quantity of oxygen. It is easy to see that each tree which has been cut down or burned causes a change in the climate.

Spray products are used world-wide nowadays. To prepare the aerosols, freon gas is used, which continues to concentrate in the atmosphere. What is important is that we do not know the effect it has on the penetration of sunlight and its effect on animals, plants and man. Certainly there are many other as yet unknown pollutants somehow affecting the climate and environment about which we need to know more. We must consider the entire problem carefully, for the change in climate inevitably affects and involves everyone.

The International Iris Competition

As already stated, the 1984 Competition was postponed, so that two Competitions took place concurrently last May. After the intense cold of January, 1985, we feared that the plants had suffered from having been covered by snow for so long. On the contrary, when the snow melted, the frozen-looking plants began to grow; they produced vigorous, strong growth and flowered well. Above all, *Iris pallida*, widely grown in the hills surrounding Florence to produce orris root, looked completely frozen; it, too, grew and flowered well. This confirms that irises are very hardy and that they need winter cold to flower abundantly. In fact, when winter is mild, as has happened for so many years, the plants do not die down completely, but continue to grow, and in spring the flowering is poor.

Although the irises held up well against the intense cold of January, the olive trees were almost completely destroyed. What happened on the hills



International Iris Trial Garden, Spring 1985

surrounding Florence was the same as what happened in the iris garden. In May the garden was a distressing sight: flowering irises overhung with skeletons of olive trees killed by the winter cold. Many cypresses, some of which were many centuries old, were also killed by the cold. The landscape so typical of Florence and Tuscany, characterized by the silver-green of olives and the dark cypresses, will not be the same for many years. The olive trees will have to be cut back to the base and allowed to stump sprout; it will be seven to ten years before they will look as they did prior to the freeze. As for the cypresses, many centuries will be necessary to repair the damage.

Experts chosen by the various iris societies of the world are appointed to form the International Jury at the Competition in Florence. Unfortunately this past year we did not have an American judge, so I had to represent both Italy and the U.S.A. The jury which judged the plants for the 1984 and 1985 Competitions was composed as follows:

Mr. Izidor Golob, Yugoslavia, President

Mrs. Rita Caldwell, Australia

Mrs. Mary Tubbs, U.K.

Dr. Piet Van Veen, Holland

Mrs. Margaret Longo Cameron, U.K.

Dr. Federico Strada, Italy

Prof. Gian Luigi Sani, Italy and U.S.A.

The 1984 Competition

The "Fiorino d'Oro" was won by TITAN'S GLORY (Schreiner, U.S.A.). It is a vigorous variety with great floriferousness and a long period of bloom. Some flowers remained open about four days. The flower is large, with a beautiful form and heavy substance. The shape is flaring, lightly wavy on the edge. Color is a very uniform dark violet. Its winning of the first prize proves the great qualities of this variety, for violet and lilac varieties are not much appreciated

in Italy; our hills are full of *Iris germanica* and *Iris pallida* which have grown wild for centuries.

The second prize, a medal offered by the Ente Provinciale del Turismo of Florence, was won by TRENWITH (Nichol, England). It is a neglecta with heavy substance and wavy shape. Its yellow beard is surrounded by a spot of the same color, giving the flower a pleasant contrast and special brightness.

STORMY SEAS (W. Jones, U.S.A.) was classed third; it won the prize of the Associazione Industriali di Firenze. The flower, characterized by beautiful form and heavy substance, has a very interesting combination of colors. It is lilac, lighter on the falls and darker on the standards. Its throat is brown and this color forms a thin edge on the falls. The beard is yellow, tending toward orange, and shows up well, giving the whole flower a marked brightness. Its vigor, good branching and abundance of flowers are further characteristics which made this a very interesting variety.

BALLET (Corlew, U.S.A.) was classed fourth and won the prize of the Societa Italiana dell'Iris. Its color is a very uniform light pink, its form, not very ruffled, but wavy. It is an excellent plant, very satisfying to those who love this color.

SUNLIT WAVES (W. Jones, U.S.A.) placed fifth; it won the first of the six Honorable Mentions. Flowers are large, horizontally flared, and heavily substanted. The large falls are light lilac, and the yellow beards show up well. The lilac standards have wavy edges.

KERNEWEK (Donnell, Australia) placed sixth. It is a very beautiful dark violet plicata with a snow-white spot in the center of the falls, plus typical plicata shape. The very bright, showy color and floriferousness make this an excellent garden variety.

CRACKLIN' BURGUNDY (Schreiner, U.S.A.) placed seventh. An excellent variety in the red range, it has a yellowish throat and beards. Unfortunately the falls tend to curl up, but in spite of this it is an excellent specimen among reds.

VILLAIN (Keppel, U.S.A.) placed eighth. The flower is a bicolor, with its falls red veering toward violet, and the standards are salmon-chamois. It is a showy color effect.

RUSTIC CEDAR (Schreiner, U.S.A.) was designated ninth. Its color is tobacco yellow, with a brown throat and a small white spot in the center of the falls. It is an excellent garden variety because it is very bright and showy and it flowers well.

CHRISTINE BOHM (Tamberg, West Germany) took the last Honorable Mention. Its falls are chamois pink, the standards are pure pink. Its beard is orange and its form is wavy. Therefore, it is a very beautiful flower, but nowadays there are many of this type, so that a variety has to have very unusual characteristics to assert itself.

Finally I have to mention both the Schreiners (U.S.A.), who won the Coppa della Regione Toscana for winning the most award placements, and Robert Nichol (England), who won the Premio Promozionale della Cassa di Risparmio di Firenze as the European hybridizer who placed among the top five varieties. The George Specht prize for the best late variety was won by

PIPING HOT (Schreiner, U.S.A.). It is a very beautiful bright orange iris which is really late, even if the difference between early and late varieties is disappearing because of the change in climate.

The 1985 Competition

What is newsworthy is the Fiorino d'Oro, usually won by an American hybridizer, was won in the 1985 Competition by a Czechoslovak variety. It is the first time that Czechoslovakia has been represented during the thirty or so years of the Competition. LIBON (Smid, Czechoslovakia) won the first prize. Its color is not new, but this kind of iris is not often in commerce. Its falls are lilac, its throat is brown and the thin edge on the falls has the same color. The standards are yellow, the shape is very beautiful and a little wavy, and the flower is heavily substantced. Its branching, growth and flowering are very good.

CAMEO WINE (Blyth, Australia) placed second and won the Medal of the Ente Provinciale Turismo of Florence. Its color is old rose and rather unusual, deeper in the falls than on the standards. Its falls, which are very wide and well substantced, permit the flower to remain open for a long time. This variety is also floriferous and vigorous.

FORT APACHE (Schreiner, U.S.A.) placed third and won the prize of the Associazione Industriali di Firenze. Its color is uniform dark brown-red. Its ruffled and wavy form gives character to the entire flower. This variety also possesses great vigor and floriferousness.

VISUAL ARTS (also Schreiner, U.S.A.) placed fourth and won the Premio della Societa Italiana dell'Iris. It is a uniform lilac self. The flower is large, heavily substantced, waved and ruffled. It was very well liked.

BEACHGIRL (Blyth, Australia) placed fifth, thus winning the first of the six Honorable Mentions. The color is unusual, even if not completely new. Falls are apricot and the standards are snow white. The form is beautiful, and although the flower is not large, it has great substance which permits it to stay open many days. Usually varieties of this color lack vigor, but this plant is strong and free-flowering. Because of its color, this variety also won the Coppa del Garden Club di Firenze for the most unusual color.



LIBON



BEACHGIRL

LOWENDER (Donnell, Australia) placed sixth. It is a very unusual plicata. The falls are brown on the throat and along the margins. It has a white center ground, which changes to yellow on the edges. The standards are brown, the colors vivid and bright, so that the flower is considered to be a very good garden variety. It also won the Coppa Louise Branch for the best branching.

SIMPLE PLEASURES (Gatty, U.S.A.) placed seventh. Its color is a very light and uniform orchid lilac. It has a beautiful shape, with falls and standards waved, and heavy substance.

MULLED WINE (Keppel, U.S.A.) placed eighth. In color it is a light wine-violet self with showy orange-colored beards. The form is beautiful and waved, and the flower is very well subenced and lasting. The entire plant has great vigor and floriferousness. It also won the Coppa della Camera di Comercio di Firenze for the most commerical variety, but it will also meet the requirements of the iris specialists.

PRETTY LADY (Gatty, U.S.A.) was classed ninth. A very beautiful chamois-pink flower, it has a very beautiful, much ruffled form and good floriferousness.

PERFECTA (M. Dunn, U.S.A.) placed tenth. Its color is dark, uniform violet, but with a small white spot in the center of the falls which gives the flower particular brightness. The flower is beautifully formed and has good substance; vigor and floriferousness are adequate.

We can now mention the special prizes. The Coppa Piaggio for the best early variety and the Coppa Alba Balbi Valier for the best pink variety have been won by LOVER'S DREAM (Carr, U.S.A.). The color of this iris is a deep, pure pink self; the flower has substance and a beautiful shape. Unfortunately, its branching is not so beautiful, as the flowers crowd together at the top, so that it is impossible to appreciate the beauty of the opened flowers.

The Premio del Commune di Firenze for the best red was won by RAFFAELE FABIO (Heimann, West Germany). It is not the first time this hybridizer has won this prize, meaning that this is a good line of reds. But we still are a long way from poppy red. . . .

The Coppa della Societa Italiana Amici dei Fiori for the best Italian variety was won by SETTIGNANO, hybridized by Vittoria Pallesi Romiti. This is a case of great similarity in color between two different varieties: those of LIBON, which placed first, and those of SETTIGNANO. Unfortunately the color of the latter is pale and it is lacking in form, as the falls recurve and pinch, and the throat is striped, and the standards too large compared with the falls. However, it is important to note that the Italian hybridizers are few, but from the beginning of the Competition have increased in number; they have made great progress, even though the varieties they have produced are not as perfect as other varieties, especially the American ones.

The Coppa della Regione Toscana for the hybridizer who won the greatest number of prizes was awarded to Barry Blyth (Australia); the Premio Promozionale della Cassa di Risparmio di Firenze for the European hybridizer, not Italian, who has placed among the top five, was won by Vojtech Smid (Czechoslovakia).

In the border bearded category, the Prize Adriana Gardi was won by

PREDICTION (Keppel, U.S.A.). It is pink in color, unusual to find this type of pink in flowers of the border category. Irises in this group must also have other qualities such as vigor, floriferousness and a long bloom season in order to be used in the border.

Conclusion

Generally the majority of prizes were won by American hybridizers, but now some hybridizers of quality from different nations new to the Competition (such as Czechoslovakia) have gained high prizes. Also, Australia (with Blyth winning the Coppa della Regione Toscana) has gotten important recognition. Schreiner's Gardens is an American competitor which has won several prizes; they have shown very good varieties for years, and in the latest Competition have been very successful.

As already explained, I have been one of the members of the International Jury since the beginning of the Florence Iris Competition in 1957. For this reason I have had the chance to study many new varieties and see the development of new colors, such as pure pink, and new combinations of colors. I have noticed a continuous improvement in the shape and in the substance of the flowers. I have appreciated the new colors of beards, etc., but it is important to notice something else: branching is often disregarded by the hybridizers. Beautiful candelabrum branching, so useful in appreciating the beauty of the flower, is difficult to find. Many varieties carry their flowers too close together, or crowded at the top of the stem, making it impossible to appreciate the individual blooms.

Another important characteristic is scent, which is disappearing in new varieties. I remember an old white, DR. BOB, which could be smelled from a distance of meters. Many other flowers, such as roses, have lost their scent, and it is very difficult to find flowers with this characteristic now.

The Italian Rose Association, in the International Competition which takes place each year in Monza, near Milan, created an important prize for the most fragrant rose. With this prize stressing the importance of scent, varieties of intense fragrance have been hybridized for several years. This could also be done for irises.

Despite the improvements among irises, they are less and less vigorous and lack extreme floriferousness. In the old varieties it was very easy to find three buds at the end of each branch, so that each stalk could carry from 15 to 18 flowers. Today this feature has become very rare. Three buds can be found only at the terminal, but more generally only two buds, and with only one bud on each branch. For this reason, many varieties today have but 5 or 6 buds per stalk, so that the flowering season is short. Also, the number of stems is not the same as it used to be, for the vigor of varieties has been reduced. I remember REHOBETH, which won the Premio Firenze in 1957. It had nine stems, each of which had 14 to 18 flowers, which permitted this variety to remain in flower more than twenty days. Why does this kind of performance no longer exist in today's varieties? Perhaps it is due to intensive inbreeding, but I think that the change in seasons may have a great influence. Flowering buds

develop during the winter, and I have noticed that heavy flowering occurs after a cold winter, whereas very poor flowering occurs after a mild season. This confirms that a change in climate, as has now happened, influences the growth of plants negatively, both irises and most of the crops.

Finally, I should like to consider another relevant aspect, the small difference between scores among the varieties being scored in the Competition.

In the 1984 listing, TITAN'S GLORY won with a score of 79.6; there was a difference of 10 points between it and CHRISTINE BOHM, which placed last among the ten positions, a difference of 4 points between TITAN'S GLORY and TRENWITH, which placed second. The difference between other varieties is very little; in fact, the difference between KERNEWEK and CRACKLIN' BURGUNDY was 0.1 point, and the same was true between BALLET and SUNLIT WAVES and between VILLAIN and RUSTIC CEDAR.

In 1985 LIBON won with a score of 73.8, a difference of only 5.3 points compared with PERFECTA, which placed tenth, and a difference of only 1.2 points compared with second-place CAMEO WINE. Other examples: VISUAL ARTS (70.8) and BEACHGIRL (70.7): PRETTY LADY (68.6) and PERFECTA (68.5).

Two important facts are shown: first, that today the number of better varieties is increasing; and second, that sometimes a very precise system of scoring, taking into consideration many characteristics of the plant and flower, can establish a ranking of the relative merit of varieties, which would otherwise be impossible to ascertain.

(Note: the original report of Awards, 1984 and 1985 Competition, appeared on pages 52-55 of the July, 1985 *Bulletin*. Some of the winners were listed under seedling number or with provisional names which have since been changed. These changes are as follows:

1984—#2, Nichol D13-5 = TRENWITH

1984—#6, DAVID (Donnell) = KERNEWEK

1984—#10, Tamberg VSLA-3-STR-132 = CHRISTINE BOHM

1985—#6, MELALEUCA (Donnell) = LOWENDER

1985—Best Red, Heimann 7844 = RAFFAELE FABIO

1985—Best Pink, Carr 78-99 = LOVER'S DREAM

1985—Best Italian entry, Romiti VPR = SETTIGNANO

One of the rules of the Competition is that if any iris places in the top ten in scoring, the hybridizer must name and register the iris within a year, if it is not already registered.—Editor.)

Median Guests to Britain

Median hybridizers are invited to send plants of late-blooming dwarfs, intermediates, or early border bearded to England this summer. The British Iris Society will be holding its 65th Anniversary celebration at Cannington in late May, 1987, which is prior to their normal tall bearded season. Hybridizers are also urged to allow the plants to remain, so they may be assessed for possible garden awards in subsequent years.

All median guests should be sent to: C.E.C. Bartlett, Somerset College of Agriculture and Horticulture, Cannington, Bridgwater, Somerset, U.K.

FOREIGN TRADE

Keith Keppel, California

A recent letter from Wales reminded me of the plight of the foreign iris grower in search of American irises. As Maureen Foster wrote:

“ . . . with only a limited amount of cash to spend each year on imports, the minimum cost of each order circumscribes how many sources one can use without total bankruptcy. We allow as many dollars again for freight charges, and then when the parcel arrives, our government takes an enormous chunk of tax from all the charges, again often the equivalent of the original order . . . ”

American iris breeders are a patriotic lot, for they help our U. S. balance of payments! European iris growers were put at a disadvantage with the total disruption of breeding programs—and often loss of breeding stock—during World War II. American breeders were able to maintain some semblance of continuity through those troublous times and were soon acknowledged as the leaders in bearded iris breeding. American irises are still generally considered as “state of the art,” although exciting new hybrids are now being produced elsewhere, most notably in Australia, England and France.

Still, the American iris hobbyist has the edge. Sources of new varieties are legion. It is a simple matter to send off for catalogues, check for the best prices, add two or three more dollars for postage and handling, write a check or go to the bank, post office or grocery store for a money order, and then sit back and wait for the plants to arrive. Consider, then, what our foreign counterparts must go through.

First off, the foreign hobbyist's sources of iris plants are much more limited. Many American growers can not or will not accept foreign orders. Foreign orders require much more time to process. For most countries, plants must be inspected separately and a phytosanitary certificate issued by a federal or state plant inspector. Extra paperwork is required in filling out customs declarations and other postal forms. And requirements vary from country to country, meaning that each different country has to be researched in the postal manual and quarantine regulations to be certain that all requirements are met.

Once the foreign buyer has received the catalogues, he must guess at what he wants. We are often able to see what we're buying, either in the growers' gardens, at conventions, or at iris shows. Our foreign counterpart must rely on the breeder's reputation, the pedigree of the plant, the description, or sheer guesswork.

Then there is the matter of shipping charges. Again, postal charges vary from country to country, but average approximately \$3.60 per pound air mail (Switzerland, Austria) to \$6.40 per pound (Japan). Tall bearded rhizomes weigh from several ounces to a pound or more each, dependent upon the variety, where and by whom they are grown. Postal charges can add up quickly!

When it comes to sending payment for the order, it may cost the foreign buyer even more as he pays to have his currency converted to dollars. With fluctuating exchange rates, he may try to hold back on payment until the rates are more favorable—a situation rather like playing the stock market—to get the most for his money. In some countries it is very difficult or impossible to send money out of the country. Instead of money, the buyer may send a “gift” to the grower in exchange for irises. Find an iris grower with an extensive collection of good cut crystal, and you’ve probably found a grower who ships to Czechoslovakia!

Then there are always instances of human error and/or lost mail. Paraphrasing a letter from Belgium:

“Two years ago I ordered some introductions from Mr. X, but the payment of \$110 was lost by my banker. Mr. X waited to receive my money before shipping. I waited for the arrival of the plants, and it was four weeks later that I found out what had happened and wrote Mr. X. Even by first class mail it may take two or three weeks for a letter, and the same amount of time for a reply. A second payment was sent, and finally my order of seven plants arrived with the leaves yellowed and rotting. By then it was so late in the year that we were already having frost and much rain, and despite everything I did, all seven plants were attacked by soft rot. Two of the plants did flower, but on such short stems they looked more like standard dwarfs.”

And here’s a strange mix-up, thanks to the plant inspectors. To quote Harry Kuesel:

“Perhaps the most unusual iris shipment I ever made was back in New York when I shipped some siberian irises to Jean Collins in New Zealand and Gordon Loveridge in Australia. The plants were in two separate packages when I delivered them to the quarantine section of the old customs house in New York City. The inspector inspected them and somehow put them all back in one box and shipped them to Gordon Loveridge. The Australian authorities put them in six months quarantine. A couple of months later I received an inquiry from Jean reporting that my iris shipment had never arrived in New Zealand, so I had to make a duplicate shipment. Gordon wrote and thanked me profusely for being so generous, as all the siberian irises in my first shipment eventually ended up in his back yard . . .”

Delays in transit are not at all unusual. I have received shipments from Australia, sent via air, that took up to a month and a half to be delivered. Conversely, I have received packages from Australia on one day, and the following day received an air mail letter telling me the plants were being shipped the same day as the letter. Delivery time on the package: four days. Shipments sent from here to Australia have had similar results.

But the record for slowness of iris delivery must be between the United States and Colombia! Fortunately, bearded irises are hardy plants, as noted below:

“. . . the irises arrived November 4—only three months on the way!—and were safely in the ground on November 6. All 37 came through O.K. The

outer leaves were dead, but the inner ones still all or half green, and the young sprouts healthy looking.”

Still, that was better than the year before:

“I had long since given up all hope of getting your shipment of irises, when lo and behold, I received the box on December 11.”

(The plants had been shipped air mail during the last week in July!)

The shipper has no way of knowing what will happen to the plants once they leave his hands. As an example, one year I mailed two parcels, air mail, to England. The plants were handled exactly the same way, at the same time, both mailed the same day. One shipment arrived with the rhizomes molding and the leaves with a touch of rot starting, and they had to be trimmed back and dusted with fungicide; the report on the other package was that the plants arrived “a bit drier than usual, but think they’ll be all right.”

In addition to the cost of plants, shipping charges, monetary conversion fees, and phytosanitary certificate fees, the foreign buyer may also have to contend with customs charges. This varies from country to country and is often a hit-or-miss affair, but one can understand why the buyer often requests that a minimum valuation be placed on the parcel. Consider the plight of one European iris lover:

“I asked all three dealers to send the orders as a gift, as the previous year I had bad trouble with the customs officer who handles all the foreign parcels. What happened this year? Mr. A’s package arrived first with 30 rhizomes as a gift. No trouble at all, and the package was brought to my home with no extra charges at all. Mr. B’s package with 31 rhizomes arrived ten days later, also as a gift, but unfortunately it came together with the package from Mr. C containing 10 rhizomes. Contrary to my instructions not to mention any amount in or on the parcel, Mr. C insured the rhizomes for \$200. The customs inspector, always surrounded by a thick alcoholic cloud, jumped on this package (10 rhizomes—\$200 insurance) and declared that the 31 gift rhizomes from Mr. B must have a value of \$20 each. So, by the actions of Mr. C, I had to pay \$150 in taxes to receive the two parcels. I wish to import more irises, but not under these circumstances! We have such expensive customs tariffs, and then there is that special customs officer to pass through. Furthermore, I was invited by the same officer to pay \$5 extra for the liquor he swallowed all day. I know this sounds unbelievable, but it is true. My friends advise me not to complain to higher authorities, because the customs agents are a world apart in which one protects the other, and it is difficult to give proof of such practices.”

In some countries, prospective buyers must apply for—and pay for—a permit to import plants. And in some cases, the incoming plants must be quarantined in some manner after arrival. In New Zealand, if proper wording is made on the phytosanitary certificate shipped with the plants, they need not be held for quarantine . . . usually. But sometimes without warning, procedures change, much to the consternation of the buyer:

“I have had to quarantine all imported irises, regardless of the health certificate. And the catch is, that for each consignment of plants, re-

ardless of the number of rhizomes, we must pay \$45 (NZ) to obtain their release from the postal authorities, acting on behalf of the Ministry of Agriculture, acting on behalf of the New Zealand government. For myself, with two small consignments of irises, the cost to land the plants was \$90."

Plants imported into Australia must go into quarantine, also. First they are fumigated ("32 grammes methyl bromide per cubic metre at 21° C. for three hours") to kill any surface pests. Again, fortunately irises are hardy plants. While in Australia, I heard of one lot of 250 rock garden plants given the methyl bromide treatment. Unfortunately the plants were treated while too wet, and only a handful survived the treatment. And don't expect the government to reimburse for losses. . . .

Following fumigation, the plants are then placed in quarantine, generally from three to six months, in a state quarantine station, or if the importer receives quite a few plants from abroad, he may apply to have his own quarantine plot on his land. The quarantine area must be isolated from similar plants by at least 30 meters and be enclosed in a high netted wire fence with provisions for locking the entrance gate. The quarantine area must be kept free from weeds, and weeds within 5 meters of the quarantine area must be no higher than 5 centimeters.

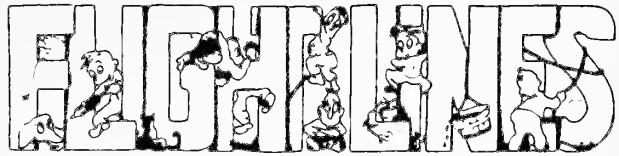
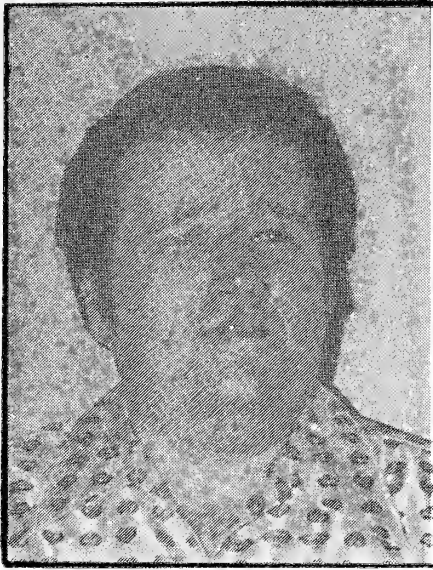
The initial inspection and fumigation cost approximately 80¢ per plant. If grown on in the government quarantine station, there is a charge of \$25 per consignment, plus 40¢ per plant upon release. If grown in private quarantine, there is a basic fee of \$112.50 for the quarantine area and whatever is in it. Fees change from time to time, there are modifying circumstances, and rates vary from state to state, but this will give a general idea of the costs involved. Regardless of private quarantine costs, it may be cheaper in the long run, as plants grown in state quarantine stations may be overwatered, shaded, and fail to prosper.

Before release from quarantine, if the plants show signs of disease they are destroyed. South Australia has been particularly strict regarding "virus", with one importer reporting $\frac{2}{3}$ or more of his iris purchases being destroyed. As expensive as the process of importing plants can be, it is even more expensive when you end up with just a fraction of what you ordered and paid for!

One other problem when plants travel south of the equator is that they must adjust to the reversal of season. When autumn comes, they think it is spring and try to bloom; when spring comes, they think it is time to head toward dormancy. It may take several years for some varieties to adjust to the switch, and some rhizomes may bloom without increase and die in the process.

If you want to grow irises, be thankful you live in the United States!





Sam Reece

1843 E. Brown Ave
Fresno, CA 93703

Tall Bearded

Paul Smith, Pleasant Grove, UT: Spring weather was less than ideal for irises in 1985. Unseasonably warm weather began in mid-April, and after the bloom stalks started to shoot up we had cool days and freezing nights. Growth came to a halt and started up again when good weather returned. This may have accounted for a larger than usual number of atypical stalks. Mid-season featured warm days with moderate southerly winds which really tested the mettle of the blossoms. Still, in this less than perfect season, many superior, average, and some really ho-hum irises were observed.

The season opener in the talls was **NEEDLEPOINT**, which has been incredibly vigorous here, thirteen increases from one rhizome planted in 1983. Three of these were replanted in 1984 and produced eleven stalks and a bushel full of increase. Imagine if all had been replanted! **NEEDLEPOINT** is a nice rosy red-brown plicata, ruffled, and often opens three blooms. Next came the seductive **NEW TOMORROW**, white with blue plic markings in the heart of the flowers only, and rich blue style arms. Not flashy, but very satisfying.

Another regular season starter is **CATALYST**. I mention it every year, but it continues to please with rich yellow color smoothly applied to a nicely formed flower on a good stem. Still my pick for the best full yellow.

I'll have to admit that **OH BABE** and **BROADWAY** are quite similar, but I would hate giving up either one, both are so exciting. Standards are absolutely clean on both, a little more gold on **BROADWAY**, a little more yellow on **OH BABE**. Rich brown plicata markings on white falls is similar. Both are generously formed and bloom on medium height stems. **OH BABE** has a little better bud count.

CAPRICIOUS put up tall stems with expansive blooms all done up in light salmon-pink standards and falls marked with raspberry-violet plic markings. It was fabulous in every respect: bloom, stalk, and clump.

First year bloom on **AUTUMN BLUSH** produced a ram-rod straight stem with medium-sized blooms in a subtle blending of buff, orange, and pink, with a super burnt pinky-orange beard.

I bloomed SHAMAN, VILLAIN and SOFT JAZZ close to each other, and though they are similar, they each have special attributes. VILLAIN, on excellent stalks, has the best form and a long bloom season. SOFT JAZZ has the largest flowers. SHAMAN had the best contrast between the color of the standards and falls and features an edging of the standard color around the near-black falls.

CONGRATULATIONS produces large well-formed flowers with a clean contrast between the medium light blue standards and the rosy blue-purple falls. It is a better grower here than its parent MYSTIQUE. GLISTENING ICICLE and HYPNOTIC are very ruffled, with pale blue standards over dark blue falls; both are choice, also.

GRAPHIC ARTS excelled this year and was the best formed and contrasted dark blue violet on white plic, not as tall as some, but the best flower. JESSE'S SONG is a very pleasant, more softly contrasted plic.

POET put up the most incredible show stalk of the year and opened three well-spaced blossoms in perfect unison. A pretty pale pink ground plic sanded with a rosy color, it could have been larger and a little more generously formed.

Certainly the most exciting of the newly planted irises was GIGOLO, the orange based plic with the raspberry markings on the falls. It produced nine increases the first year. Everyone who visited a friend's garden wanted a start, and luckily he shared one with me. LAREDO, a rich brown and golden yellow plic combination, was also a garden favorite.

The blues really out-performed themselves. Going from light to dark, my choices begin with SONG OF NORWAY. Much mentioned and a Dykes runner-up, I saw it in five gardens the day of our Region 12 tour and in each planting there was at least one perfect stalk with three open flowers ready for the Queen's Table. Silvery blue with darker blue beards, I hope it is the next Dykes winner. TIDE'S IN is generously formed in a shimmering light blue on a super stem, and it was one of the very best this spring. A shade or two darker was LOYAL DEVOTION, a flared, ruffled, rich sky blue on a show stalk with lots of buds. First year bloom on PLEDGE ALLEGIANCE showed great promise, good form in a medium-deep blue, falls a little darker than the standards. RON is large, nicely ruffled and presents itself well. The nicest surprise of the year was BLUES SINGER, near-horizontal flare, rich pigmentation in ultra-smooth royal blue. In the dark blue violets, there are a number of good ones. I still like TITAN'S GLORY and NIGHT AFFAIR. Also good is the huge MID-NIGHT HOUR. Of the sibs STAR WARS and ROYAL VIKING, I would give the nod to ROYAL VIKING.

The best and darkest of the blacks were BLACK DRAGON, BLACK PEARL and DRUM SOLO. All seemed to be equally black on the falls.

There are many lovely pinks, but I always wish when I see them that they were a little pinker, a little taller, or both. It goes without saying that BEVERLY SILLS was choice. VENUS RISING and MUCHAS GRACIAS are luscious in the peach pink tones. Sibs EDEN and PARADISE are quite rich in coloration. INGA IVEY and JO VALLERY are two very excellent pinks.

FASHION ARTISTE had the misfortune of blooming next to ROSABELLE V. and suffered by comparison. Pink and rose violet bitones, they are essentially the same color, but ROSABELLE V. is far superior in form. In this color class, I like FRANCES GAULTER especially well.

If you want something completely different, try MARSH LIGHT, done up in glowing golden yellow, shaded chartruese, with lavender wash and violet blaze on the falls.

A very special favorite this season was PRECIOUS MOMENTS, so softly elegant, a pastel reverse bicolor in pale yellow and white. In my book the form cannot be faulted.

STARCREST is tall and large in a glistening pale but rich orchid lavender and can produce a short stem. A bright tangerine beard really sets it off.

TOMORROW'S CHILD bloomed on a short, atypical, multiple stem with many buds, but the individual blooms were incredible. One garden visitor compared the colors to those found in the finest hybrid pansies. Pastel orchid pink standards top very velvety red purple falls with a lighter border. The beard is bright red and there are some faint light haft marks which do not distract from the beauty. I look forward to seeing it next spring.

The best new red in my opinion is DANGER, ruffled and quite red, a worthy introduction. MARAUDER is very individual in maroon red with a stand-out gold beard. DEEP FIRE is bright and FORT APACHE is tall and dark.

Get out the sun glasses before viewing HINDENBURG, because it is a very bright orange with a huge fluorescent beard, ruffled flowers and lots of them. ORANGE STAR continues to please in heavily pigmented rich burnt orange, all done up in lace and ruffled on stems which are often short, but it can grow tall. FIERY CHARIOT is a bright apricot orange with some yellow in the falls and lots of big blooms.

I finally planted SHEER POETRY last year and was excited when it bloomed. It is a real treat, intricate ruffling and broad form in caramel with a lavender wash on the falls. Very lovely.

A friend who grows several hundred varieties of the newer irises and sells to the local people, most of whom are not active in any iris society, reported that the most popular varieties in his garden in 1985 were DAZZLING GOLD, ORANGE STAR, BEVERLY SILLS and SUNDAY CHIMES. DAZZLING GOLD is so very individual and beautiful.

There were some real disappointments, but I hesitate to comment on them since this was their first year bloom. They had better produce next year or out they go. There are too many good things available to waste space on something that is not up-to-date in quality.

Ray Blicharz, Trenton, NJ: Of the irises that bloomed . . . I did enjoy a few very nice varieties. Among these were: WEDDING CANDLES, just as good as I saw it in Boston with three beautiful stalks; CONGRATULATIONS, superb, ruffled and extremely colorful; SHOOT OUT, a surprising variegata from Jim Gibson with very heavy substance; SKYFIRE, Schreiners' terrific beautiful orange, even better than the picture in the catalog; LEMON LYRIC, not a new iris, though new for me, with glorious, smooth color and form; GO AROUND

was superb, a fabulous true blue on white plicata, with form so broad that the hafts overlap and the falls flare beautifully; ST. LOUIS BLUES, a big, billowy dark blue; VISUAL ARTS, flared, ruffled and really laced—just beautiful; DAWN GLORY, the last to bloom in my garden, a terrific blend of colors. Some of the older Gibson plicatas were excellent, such as BURGUNDY BROWN, BRILLIANT EXCUSE (did not do much the first two years, but it bloomed for three weeks this year and was super), BEYOND, HONEY LACE, CHESTNUT BEAUTY (soft yellow and brown color, just luscious), and a number of others.

Culture

Louise Smith, Williamsburg, VA: Thrips on irises is not like thrips on glads; iris damage is a blackened rim the full length of the iris leaves, starting with the new center growth and increasing with each new leaf. The thrips cannot be seen, as they hide in the folds where they can eat the newest leaf, and if there is flower damage I do not know it. I had lots of glad seedlings when I made my iris beds and most of them were growing in the iris rows where I first saw the thrip damage—but I thought it must be some kind of fungus damage and kept spraying for that, and every year it spread more. Finally I took a bunch of damaged leaves to the county agent in the adjacent county, and he identified the cause. Cygon E2 gets them for sure, but some always escape, so it should be sprayed at least two times in about two weeks. Last week I saw great quantities of aphids and some thrips in some of the iris beds, so I hired the spraying company to come and spray Cygon and Zineb. The next day I got one of the biggest surprises in my life—japanese beetle and june bug grubs started coming out of the ground by the zillion—the Cygon was getting them, too!

Bernice Miller, Killen, AL: I had such a time saving my irises from bacterial leaf spot and crown rot. I found a good combination of gypsum, lime and terraclor, with tetracycline on the really bad spots after scraping. The lime was used because the heavy rains for the last two years had made my garden so acid that moss was growing on the soil surface. I found that (for me) without the lime, the other treatment did little good except briefly, and the trouble started over at the next heavy rain. After I added the lime, the treatment rapidly and permanently cleared up the leaf spot and rot. My conclusion is that a mild alkaline condition in the soil promotes disease resistance in irises. In New Mexico, I added soil sulphur to cut the alkali in the soil and kept my irises in fine condition with little leaf spot and practically no soft rot. Crown rot did not seem to bother the irises at all with the dry air and little rain, although I did have to irrigate. The research on rot at North Alabama University, funded by the iris society, is proving that a slight alkalinity of the soil helps to prevent iris ills. The research is temporarily halted to start a new test garden with fresh irises in fresh soil because of a heavy infestation of corn root maggots.

Carol Butler, Denton, TX: My new "soil" mix: pine bark mulch, pebbly sand, cottonseed hulls, alfalfa meal and potting soil. Still no topsoil available, so I am having to "make" soil. I am experimenting with a Centrum vitamin and a birth control pill for each rhizome. I am trying willow water to get quick root increase. Cutting off all the roots proved to be a mistake here.

Pollen

Beverly Dopke, Phoenix, AZ: Pollen can be stored in gelatin capsules bought from a druggist. Get capsules small enough to hold one anther. The capsules can be placed in a jar with a tight fitting cover. Add some silica gel to keep the air inside the jar dry, print the name of the pollen on the capsule, and place the jar in the freezer. This way you only have to remove the capsule that you are going to use for hybridizing and the rest of the pollen will stay usable for as long as you need it. You can send pollen through the mail in little bags like the ziploc bags doctors use for small quantities of pills. Pollen is ruined when it gets wet. It explodes each grain, and that is why it is no good if you have a very heavy dew or rain after the flower opens. The best way to make sure the pollen is usable is to take a bud into the house the night before you want to use it and let it open in the house. Dry pollen can be used for several days if kept in an envelope. If kept dry in the refrigerator, it will keep for several weeks, and, frozen dry, for a year.

Medians

Ray Blicharz, Trenton, NJ: I had much success this year with median irises, with the first ones blooming nearly two weeks later than usual. Joe Gatty's BOLD PRINT, a sister to RARE EDITION (and just as good, but a dark blue on white plicata intermediate), was outstanding. Hager's FRACAS was really nice in vivid, pure yellow with very long, prominent white beards, quite a contrast. DOLL RIBBONS was a fine blue and white plic MTB; HOPSCOTCH, a gorgeous border plicata. Others I enjoyed were FRISBEES, BLOOD MONEY, SPARKLING CHABLIS, BABE, PESO, BETTINA, SURPRISE BLUE, RARE EDITION, RASPBERRY JAM and quite a few others.

Clarence Mahan, McLean, VA: BABY BLESSED and JEWEL BABY are, I believe, the forerunners of a whole new race of reblooming dwarfs. The hard-core rebloom enthusiasts in Region 4 recently voted BABY BLESSED the most dependable reblooming iris they grow. JEWEL BABY is the jewel of my garden. It bloomed a month after I received it in 1983; when spring rolled around it went into a blooming fit; and after I divided it and gave all except two rhizomes to our auction and to English friends, both remaining rhizomes bloomed this past fall, and the increase for this coming spring is too thick to count!

American Iris Society Conventions

| | | |
|------|-------------------|----------------|
| 1986 | San Jose, CA | April 26-30 |
| 1987 | Phoenix, AZ | April 14-18 |
| 1988 | Oklahoma City, OK | May 3-7 |
| 1989 | Memphis, TN | April 29-May 3 |
| 1990 | Omaha/Lincoln, NE | May 27-31 |
| 1991 | Washington, DC | |
| 1992 | Atlanta, GA | |
| 1993 | Fort Worth, TX | |



THE BULLETIN BOARD

January Bulletin Notice

Through an error on the *Bulletin* mailer's part, the January, 1986 issue was mailed without the use of envelopes, with mailing labels placed on the front covers. This is NOT our new policy! If you failed to receive your January *Bulletin* or if it was badly damaged in handling, please request a replacement copy from AIS Sales Director Jaymie Heathcock, Route 3, Box 270, Vinita, OK 74301.

1985 Membership Contest Report

Congratulations to the winners! Mary Kearney of Guntersville, AL wrote 21 new memberships to earn 260 points and become the first place winner. Paul R. Black of Oklahoma City, last year's first place winner, was second this year with 245 points. Second runner-up was Dr. Doris Middleton of Memphis, TN with 185 points. Last year there was a spread of 20 points between the top winners, and this year only 15 points separated the two.

Region 7 had a great many more participants and total points than any other region. Seventeen participants earned 650 points for Region 7. Second place in regional standings went to Region 21 with six participants and 350 points.

Mrs. Kearney will receive the membership contest plaque at the San Jose convention. Individuals who earned the most points in the seven participating regions will receive an achievement certificate from the membership contest chairman.

Individual Point Scores

| | | |
|---------------------|-----------|------------|
| Mary Kearney | Region 24 | 260 points |
| Paul R. Black | Region 22 | 245 points |
| Dr. Doris Middleton | Region 7 | 185 points |
| Allan Ensminger | Region 21 | 150 points |
| Clarence Mahan | Region 4 | 130 points |
| Jim McWhirter | Region 14 | 95 points |
| Earnest Yearwood | Region 5 | 50 points |

Regional Standings

| Region | Members Participating | Total Points |
|--------|-----------------------|--------------|
| 7 | 17 | 650 |
| 21 | 6 | 350 |
| 22 | 5 | 285 |
| 14 | 4 | 275 |
| 24 | 1 | 260 |
| 5 | 5 | 180 |
| 4 | 1 | 130 |

—Everette Lineberger,
Membership Contest Chairman

Sooner State In '88 Guest Iris Request

The Sooner State Iris Society of Oklahoma will host the 1988 American Iris Society National Convention at Oklahoma City. The Guest Iris Committee invites hybridizers to send guest rhizomes of recent introductions and seedlings under serious consideration for introduction. We will have a master planting for one of each variety submitted at the Oklahoma State University Technical Institute. Louisianas, spurias, arilbreds, TBs, and medians will be accepted. Fifteen other gardens will be on tour.

When sending guest irises, please observe the following guidelines:

1. We will accept four rhizomes of each variety.
2. The various bearded irises will be accepted between July 15th and September 30th. Rhizomes of beardless irises will be accepted from September 15th to October 31st.
3. All official guest irises must be shipped to:
Barbara Thain
1325 Hazelwood Drive
Midwest City, OK 73110
(Her phone number is: (405) 732-8175)
4. The following information should be marked on each plant:
 - a. Hybridizer's name and address
 - b. Name/number of the variety/seedling
 - c. Type of iris
 - d. Height and color
 - e. Year of introduction
 - f. Please also include a master packing list.
5. When guest seedlings are named, it will be the responsibility of the hybridizer to notify the Guest Iris Chairman before November 1, 1987.
6. A receipt will be mailed to all contributors, listing the garden locations of the plants. About six weeks before the convention, contributors will be asked for instructions regarding disposition of their plants. Failure to reply by June 15, 1988 will be interpreted as permission to destroy all stock. All official guest plants which are to be returned will be shipped postpaid except to foreign addresses.
7. The Convention Committee and owners of tour gardens will follow the statement of the Code of Ethics as printed in the A. I. S. Convention Handbook.
8. The Guest Iris Committee will not be responsible for losses beyond its control and only rhizomes received through the Guest Iris Chairman will be listed in the convention booklet.

Barbara Thain, Guest Iris Chairman

1986

NEW MEMBERSHIP CONTEST

The 1986 New Membership Contest began on January 1, 1986 and will end on December 31, 1986. Competition will be on an individual basis. Participants will be credited on the basis of the following point scoring:

- 10 points for each new single annual
- 15 points for each new family annual
- 20 points for each new single triennial
- 25 points for each new family triennial
- 10 points for converting single annual to single triennial
- 20 points for converting family annual to family triennial
- 5 points for converting single to family

During the 1987 AIS National Convention, an award will be presented to the individual who obtains the highest number of points. The individual in each region who obtains the most points (with a minimum of 30 points) will be awarded a certificate of achievement. Names of the national winners will be published in the April 1987 *Bulletin*.

RULES

1. Application for membership and payment of dues should be made to the AIS Membership Secretary.
2. Notice of new membership should be sent to RVP and/or Regional Membership Chairman within 30 days.
3. The Regional Membership Chairman should send new member information to the RVP for verification.
4. Each new membership should be reported on a separate 3x5 card or piece of paper listing the following information: Region number; membership number of new member (if available); type of membership—single, family, youth, life, annual, triennial; name and address of new member; name and address of sponsoring member.
5. Membership information should be submitted promptly to the AIS Contest Chairman, but at least once each quarter. Only those memberships properly reported will be counted.
6. New memberships should be credited only to the participant actually securing them.
7. Renewal of memberships after a lapse of two years will count as a new member.
8. New memberships received by the Membership Secretary after January 7, 1987 will not be counted for the 1986 contest.

—Rev. Everette Lineberger
Membership Contest Chairman
Route 6, Box 300
Inman, SC 29349

American Iris Society

Approved Affiliates For 1986

REGION 1

CONNECTICUT IRIS SOCIETY

Alan D. McWhirter, Pres.

41 Roslyn Drive

Cheshire, CT 06410

IRIS SOCIETY OF

MASSACHUSETTS

Barbara Whitehouse, Pres.

Plainville House, C-3

Town and Country Way

Plainville, MA 02762

MAINE IRIS SOCIETY

Russ Moors, Pres.

406 Park Avenue

Auburn, ME 04210

REGION 2

EMPIRE STATE IRIS SOCIETY

Lillian V. Gristwood, Pres.

605 Lock St.

Phoenix, NY 13135

REGION 3

DELAWARE VALLEY IRIS SOCIETY

John Weaver, Pres.

Box 249

Newmanstown, PA 17073

REGION 4

CHESAPEAKE AND POTOMAC IRIS SOCIETY

Clarence Mahan, Pres.

7311 Churchill Road

McLean, VA 22101

FRANCIS SCOTT KEY IRIS SOCIETY

Doris B. Rebert, Pres.

152 Leisters Church Rd.

Westminster, MD 21157

FREDERICKSBURG-RICHMOND IRIS SOCIETY

Ruth Walker, Pres.

113 Sutter Road

Partlow, VA 22534

NORTH CAROLINA IRIS SOCIETY

James D. Stadler, Pres.

1613 Country Club Rd.

Reidsville, NC 27320

REGION 5

GEORGIA IRIS SOCIETY

Carolyn Hawkins, Pres.

7239 Kendel Court

Jonesboro, GA 30236

NORTHEAST GEORGIA IRIS AND DAYLILY SOCIETY

Marjorie Bradford, Pres.

R.R. 3, Box 516

Elberton, GA 30635

OCONEE VALLEY IRIS CLUB

Sara T. Hood, Pres.

333 N. Main Street

Tennille, GA 31089

PIEDMONT CAROLINA IRIS SOCIETY

John W. Wood, Pres.

P.O. Box 861

Gaffney, SC 29340

SOUTH CAROLINA IRIS SOCIETY

Edith Plyler, Pres.

617 Appaloosa Drive

Hopkins, SC 29061

SUMMERVILLE IRIS SOCIETY

Patricia D. Brooks, Pres.

102 Jefferson Lane

Ladson, SC 29456

REGION 6

AKRON AREA IRIS SOCIETY

James D. Rawdon, Pres.

2340 13th Street, SW

Akron, OH 44314

CENTRAL OHIO IRIS SOCIETY

Christine Cremeans, Pres.

244 E. Center St.

P. O. Box 199

West Mansfield, OH 43358

COLUMBUS IRIS SOCIETY

James Aldrich, Pres.

1328 Shady Lane Road

Columbus, OH 43227

GRAND VALLEY IRIS SOCIETY

Frank Grodick, Pres.

0-1900 Lake Michigan Drive

Grand Rapids, MI 49509

INDIANA DAYLILY-IRIS SOCIETY

Bernard E. Hobbs, Pres.
3303 Westfield Road
Noblesville, IN 46060

IRIS GROWERS OF EASTERN INDIANA

Jack E. Norrick, Pres.
R.R. 1, Box 327
Muncie, IN 47302

MIAMI VALLEY IRIS SOCIETY

James J. Foreman, Pres.
1360 W. Michaels Road
Tipp City, OH 45371

NORTHEASTERN INDIANA IRIS SOCIETY

Joy Snyderman, Pres.
12728 U.S. 24 West
Fort Wayne, IN 46804

NORTH EAST OHIO IRIS SOCIETY

Dorothy Willott, Pres.
26231 Shaker Blvd.
Beachwood, OH 44122

SOUTHWESTERN MICHIGAN IRIS SOCIETY

John A. Coble, Pres.
9823 E. Michigan Avenue
Galesburg, MI 49053

TRI-COUNTY IRIS SOCIETY

Richard B. Ferris, Pres.
P. O. Box 253
Mason, MI 48854

REGION 7**BLUEGRASS IRIS SOCIETY**

Maynard D. VanHorn, Pres.
R.R. 2, Box 469-B
Danville, Ky 40422

JACKSON AREA IRIS SOCIETY

Sue Ann Barnes, Pres.
205 Westwood
Jackson, TN 38301

LOUISVILLE AREA IRIS SOCIETY

James E. Niehoff, Pres.
603 Selkirk Lane
Middletown, KY 40243

MEMPHIS AREA IRIS SOCIETY

Jeanne Martin, Pres.
4065 Auburn Road
Memphis, TN 38116

MIDDLE TENNESSEE IRIS SOCIETY

Earl Tenpenny, Pres.
R.R. 1, Box 164
Murfreesboro, TN 37130

MID STATE IRIS ASSOCIATION

John K. Augenstein, Pres.
R.R. 3, Box 43
Woodbury, TN 37190

SOUTHERN KENTUCKY IRIS SOCIETY

James M. Bingham, Pres.
196 Cumberland Circle
Bowling Green, Ky 42101

TENNESSEE VALLEY IRIS SOCIETY

Frances Luna, Pres.
R.R. 2—1660 Mooresville Rd.
Lewisburg, TN 37091

TWIN STATES IRIS SOCIETY

James R. Bell, Pres.
5943 Old Glasgow Road
Scottsville, KY 42164

WEST TENNESSEE IRIS SOCIETY

Mary Ann Collins, Pres.
1537 Eastridge Drive
Memphis, TN 38119

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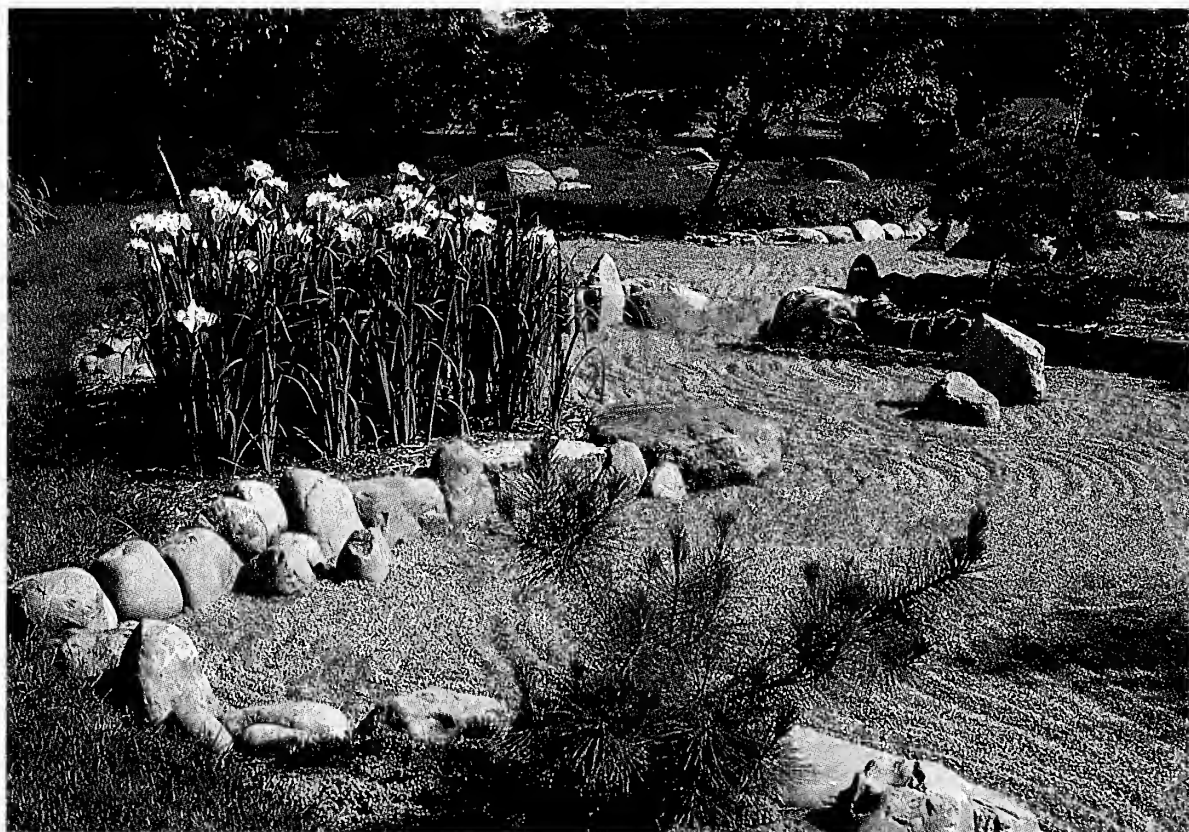
Huntsville, AL 35802

**Nominations Requested**

Trustees of the Massachusetts Horticultural Society wish to recognize those persons who have made outstanding contributions to horticulture by the awarding of appropriate Honorary Special Medals. Nominations for worthy recipients have been requested. Nomination forms and procedural instructions are available from the Committee on Medals, Massachusetts Horticultural Society, 300 Massachusetts Avenue, Boston, MA 02115.

The Medals are awarded to individuals, commercial firms and institutions, with categories including the advancement of interest in horticulture, skill in hybridization and propagation of woody plants, skill in horticulture, eminent horticultural accomplishment, and noteworthy service in horticulture.

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ENSATA GARDENS specializes in Japanese Iris. We will send our 1986 list of about 150 cultivars for the request. It includes the floriferous DACE (Copeland 80) pictured above. Orders for spring and fall shipments accepted.

Bob Bauer and John Coble

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(R. Nelson '86)
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A totally unique bicolor with refined form and good habits. Named for a \$3 million record album by rock theatrical star David Bowie with his permission.



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64 PAGE CATALOG
In Full Color
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Then deductible from
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EMBELLISHMENT

EMBELLISHMENT (Innerst '86) Sdlg. 1125-13. TB, 32" EM season. Summer Love X Yubblegum. EC, HC '83. We call it a medium orange. However, it has been referred to as an apricot pink, a plain orange self, self beards. Embellished with HEAVY lace. Extremely showy in a clump, excellent garden value. Excellent stalk, 7 or more buds. Fertile both ways
.....\$25.00

INSTRUCTOR (Innerst '86) Sdlg. 1977-1. TB, 36", E-M. Spinning Wheel X Burgundy Brown. Excellent clump. Blooms early but has never seemed to mind frost. Standards are cream to mid-yellow. Falls same, edged (plicated) with 1/4" mid-blue; blue tipped bronze beards. 7 to 11 buds. Opens 3 and 4 blooms at a time. Very vigorous, purple based foliage. Fertile both ways. Wide, ruffled form\$25.00

BALLERINA BLUE (Innerst '86) Sdlg. 1633-1. TB, 36", M-L. Surf Rider X Sea Venture. Standards mid-blue; falls pale, pale ice blue-white. Blue beards tipped white. Very vigorous grower producing show stalk after show stalk. Excellent flaring, ruffled form. 7 to 9 buds. Fertile both ways. HC '85\$25.00

HOKEYPOKEY (Innerst '86) Sdlg. 2298-10. IB, 26", M-L. Hee Haw X (Spinning Wheel x Flamenco). Standards are mid-yellow. Falls same, trimmed brown. Beautiful, wide, round, ruffled, flaring form\$12.50

LOFTY (Innerst '86) Sdlg. 1601-1. SDB, 12", M. (Ruffled Sprite x Dove Wings) X Soft Air. Standards are red-violet-purple. Falls are greyed white with brown shoulders and red-violet-purple spot under the white beards. Vigorous with many blooms. Different and attractive\$ 7.50

SYLLABLE (Innerst '86) Sdlg. 2244-11. SDB, 12", M. Jabberwocky X 1254-6: (Hee Haw x (Tornado Capers x Soft Air)). Standards are cream-white. Falls are yellow-gold. Orange beards tipped cream. Excellent bloomer with great form\$ 7.50

HEGIRA (Innerst '86) Sdlg. 1892-1. JA, 36-40", M. (Frostbound x Stippled Ripples) X Woodland Brook. Double. White, heavily stippled deep blue; gold signals. Fertile both ways. Wonderful substance, 2 branches, 4 buds. This iris will be shipped in late August/early September\$20.00

The IB and 2 SDBs for \$25.00. Please add \$2.00 shipping and handling. Hegira will be shipped early fall, others mid-July.

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Youth Views

Catherine Long Gates

Iris Of The Future Contest*Contest*Contest

Spring is a traditional time to daydream and look to the future. What better time than now to let your thoughts turn to our favorite flower, the iris. What will your favorite iris look like in the year 2006?

Twenty years is plenty of time for lots of changes in the iris world. If you don't believe it, just look back at some of the favorites of 1966. Now turn that gaze forward once more and imagine . . .

To encourage your daydreams and to share them with others, the Youth Committee is sponsoring an Iris of the Future Contest. Please submit a description (you may also include a drawing) of what you think your favorite iris will look like in 2006. Be sure to tell us the type of iris (TB, siberian, etc.), the color, form, branching, growth habits, and other characteristics. Entries will be judged primarily on creativity and originality. In this contest it is the thought that counts and your descriptions and artwork won't be criticized as long as they get the point across.

Send your entries to Youth Chairman Catherine Gates, 3033 Jefferson, Boulder, CO 80302 by September 1, 1986. The winners and their entries will be published in the January 1987 *Bulletin*. Winners will receive some of the newest irises of today, possibly the great-great grandparents of their iris of the future.

Please be sure to include your name and address with your entry as well as your age. This contest is *not* limited just to youth members. If you are over eighteen and your exact age is not for publication, please just state "19 plus." Warning to the "19 plus" group: Imagination can get dulled with age, so competing with the younger set could be tough. Enter at your own risk, but please ENTER. Let's all share a peek at irises in 2006!



A Topical Collection Of Iris Stamps

(Part III)

Harry B. Kuesel, Colorado
(Photos by Bob Tweed)

It has been two years since the last report of our search for iris stamps. (See *Bulletin* 250, July 1983, pp. 41-57, and *Bulletin* 254, July 1984, pp. 47-63.) Several fine iris stamps were overlooked in the previous articles, and new ones are steadily appearing. I am indebted to Tommy Thompson, Memphis, TN; Bob Steele, Albuquerque, NM; and Sidney Linnegar, England, for bringing some of them to my attention.

As in the past, we will supply Scott or Minkus catalog numbers when available. The German catalog, Michel, was also consulted for a few stamps not recognized by Scott or Minkus.

1949

- A: (Scott C-36) Reunion, a former French colony on an island 440 miles east of Madagascar, overprinted the French 50 franc Iris goddess stamp with "CFA 25F". The CFA refers to French African francs used in all the Colonies Francaises de Afrique.

1952

- (Scott 298a) Egypt issued a souvenir sheet of three stamps with King Farouk in the center and soldiers standing in a clump of irises on each side. Tommy Thompson found this one, but I do not yet have a photo.

1959

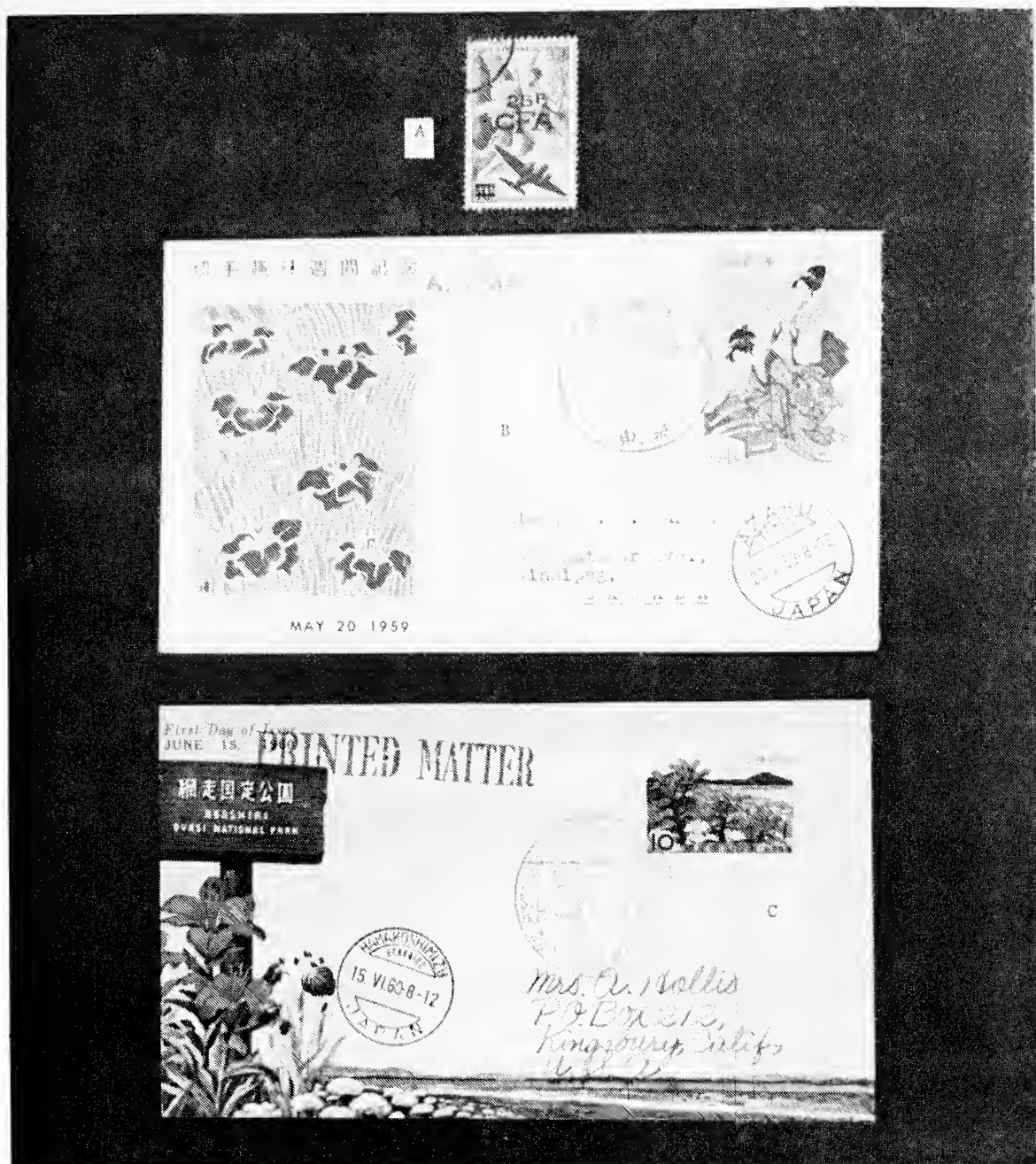
- B: (Scott 671) Japan issued a 10 yen stamp showing two ladies reading poetry. The first day cover which came out on May 20 has an interesting cachet showing a field of purple double japanese irises, and the postal cancellation uses three vases of japanese irises in the center of the design.

1960

- C: (Scott 697) Japan issued a 10 yen stamp showing the entrance to Abashiri Quasi National Park on a first day cover with a cachet showing a purple and white japanese iris growing next to an orange lily and a signpost identifying the park. Date of issue was June 15.

1961

- D, E: (Scott 717) Japan issued a floral set showing various popular japanese flowers, one stamp of which contains two japanese irises. Two first day covers were issued on June 15. The first shows two women admiring a field of purple and white japanese in the cachet; the second features a cachet of two handpainted purple japanese irises. Both covers were cancelled with a circular handstamp showing a fisherman on a stream with a japanese iris growing in the left foreground.



1962

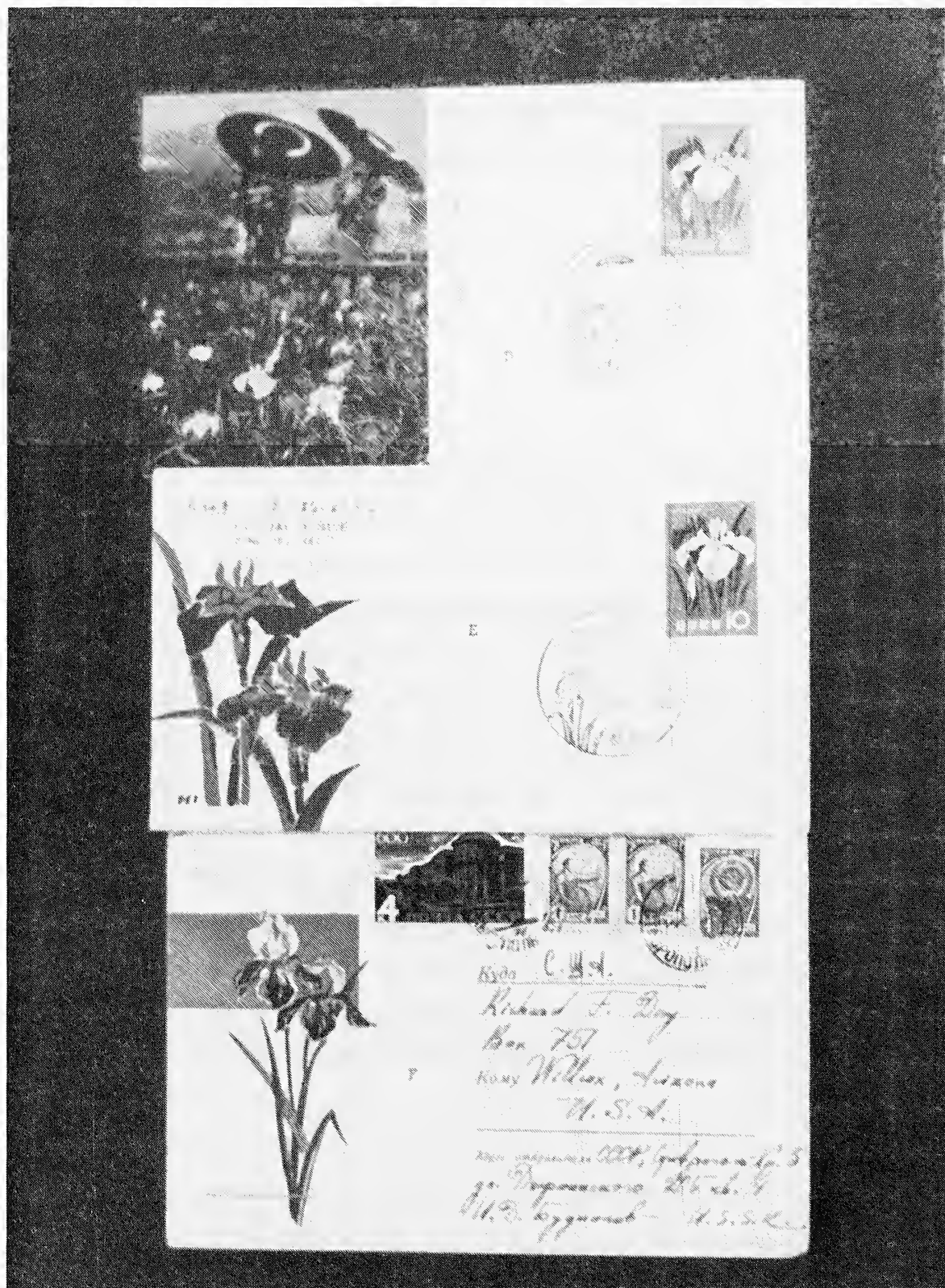
- F: (Scott 2640) Russia issued a 4 kopecks stamps to commemorate the 600th anniversary of the Ukrainian town of Vinnitsa. To the left is a handpainted iris cachet showing white and purple tall bearded irises.

1966

- G: (Scott C-37) Dahomey's 500 franc airmail stamp with the green-backed African starling (*Coccyolius iris*) is shown here. This was listed in my 1984 article, but I did not have a photo at that time.

1967

- H: (Michel 92-93) The South Arabian State of Upper Yafa issued a five-value floral set. The stamps all feature vases of flowers by famous painters. The 10 fils stamp has white irises in the center of Renoir's painting. The 5 fils stamp to the left shows a small iris-shaped flower outside the vase to the right.



1970

- (Minkus 390) Chad issued a three-value set featuring three Christmas paintings of the Madonna. The 25 franc value has a copy of Durer's famous Madonna of the Iris, which features a white tall bearded iris standing in the background over the Madonna's right shoulder. (No photo.)

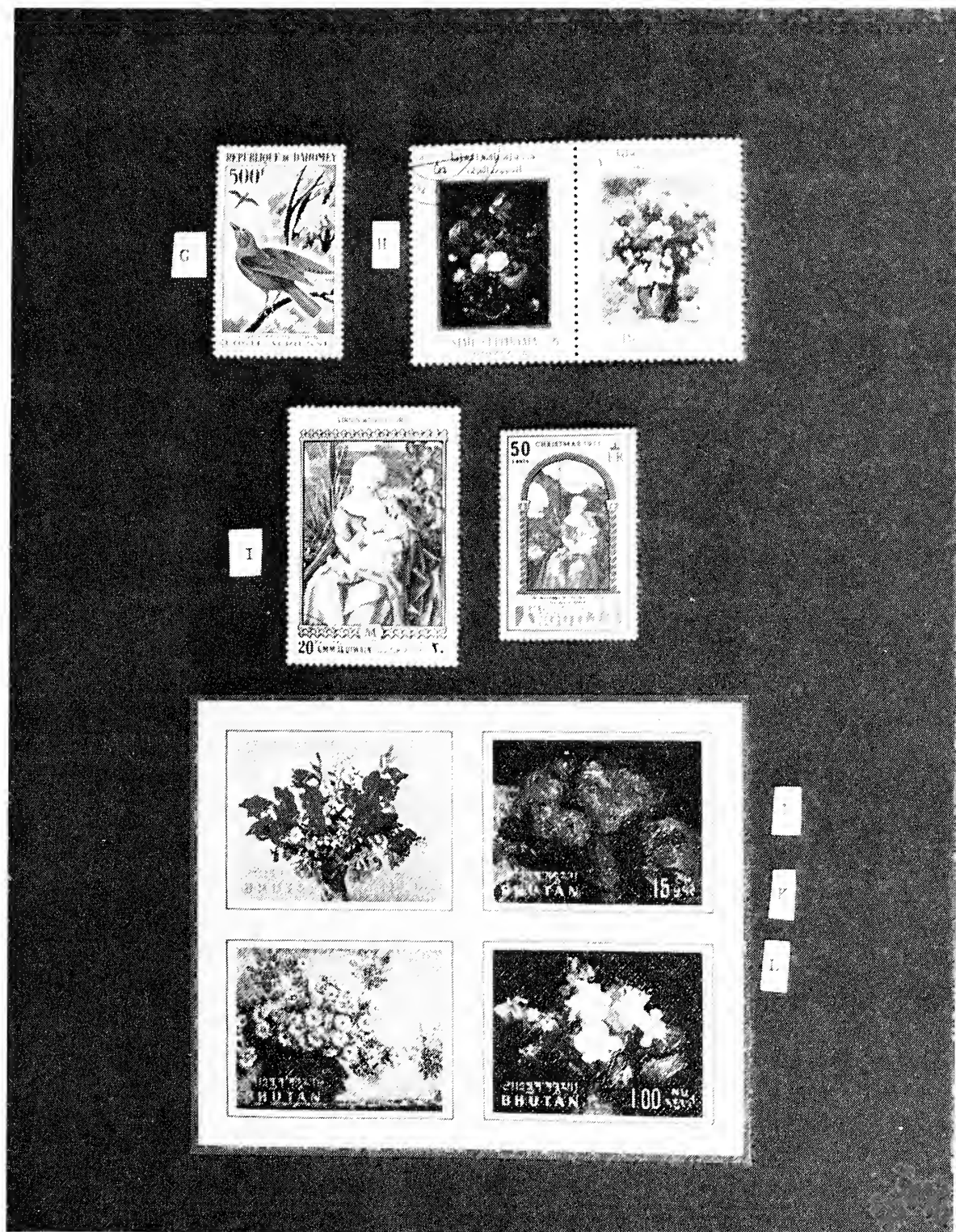
1972

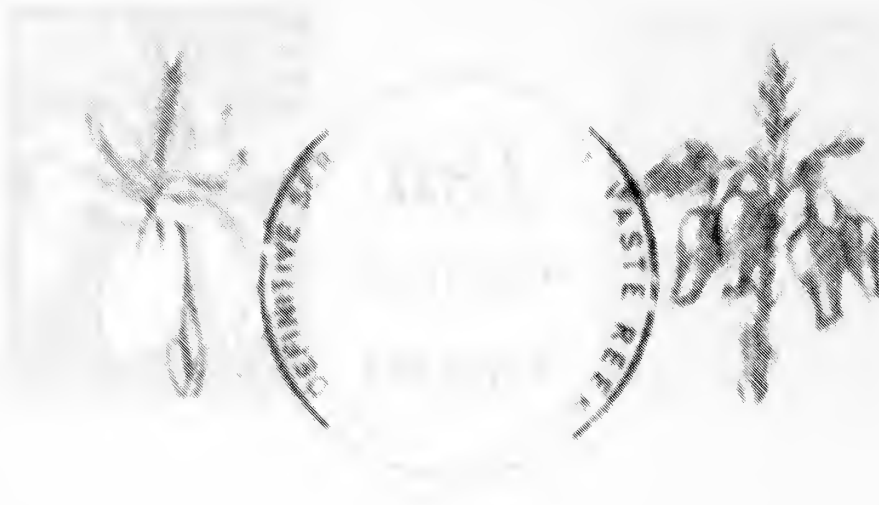
- I: (Minkus 395) The Trucial State of Umm Al Qiwain issued a six-value set of religious paintings by Durer. Bob Steele quickly recognized that

this one was a closeup of Durer's Madonna of the Iris, but the top of the iris stalk is cropped off so that only the foliage appears. For comparison, we show Anguilla's 1971 Christmas stamp (Scott 135) which shows the full painting.

1973

J, K, L: (Minkus 342, 350, 351C) Bhutan issued a set of four floral paintings: for regular postage, airmail and souvenir sheet. One of the paintings is Narcissus by Latour. The shape of the flower at the extreme left appears to be an iris. Tulips also appear at the base of this painting.





M: Part of Audubon Wildflower Set

1974

- M: (Scott 408, 430) South Africa issued a first day presentation folder for its 20-value Audubon wildflower and wildlife set on November 20. Included is a brief description of the wild iris designs which say, "the wild irises of South Africa (*Dietes grandiflora*) occur in Natal and the eastern Cape Province."

1978

- N: (Scott 470) Upper Volta issued a 500 F souvenir sheet to celebrate the 400th anniversary of Peter Paul Rubens' birth. His painting of the Holy Family has a multicolored border in a garland of flowers containing several blue and white tall bearded iris flowers.
- O: (Scott 674) New Zealand issued a four-value set showing various sea shells. The 20 cent value shows the Paua seashell. Sidney Linnegar looked up this shell in *The World of Shells* at Reading University and found the Latin name for the paua shell is *Haliotis iris*.
- P: (Scott 1324) Japan issued a 50 yen stamp to commemorate its Rotary International Convention in Tokyo on May 13. The first day cover shows a hand cancellation featuring a Japanese iris in the center of the design.

1979

- Q: (Scott 1358) Japan issued a 50 yen stamp to commemorate its National Arbor Program on May 26. The first day cover was hand-stamped with a circular postal cancellation showing two Japanese irises and their foliage in the right foreground.

1980

- (Scott 738) Australia issued an eight-value bird set showing various native species. The 80 cent value shows the rainbow pitta, which Sidney Linnegar has found is identified by its Latin name *Pitta iris*. (No photo.)



N



O

ROTARY INTERNATIONAL
TOKYO CONVENTION
国際ロータリー 東京大会記念

P

13 MAY 1978
First Day of Issue

Mr. Arthur L. Askins
P.O. Box 4092
Berkeley, California
U.S.A. 94704

20

NAHA
13V.78-3-12
JAPAN

50

53.5.13
8-12

50

53.5.13
8-12

AIRMAIL

NATIONAL AREOR PROGRAM
国土緑化運動

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NAHA
28V.78-8-12
JAPAN

50

54.5.26
8-12

50

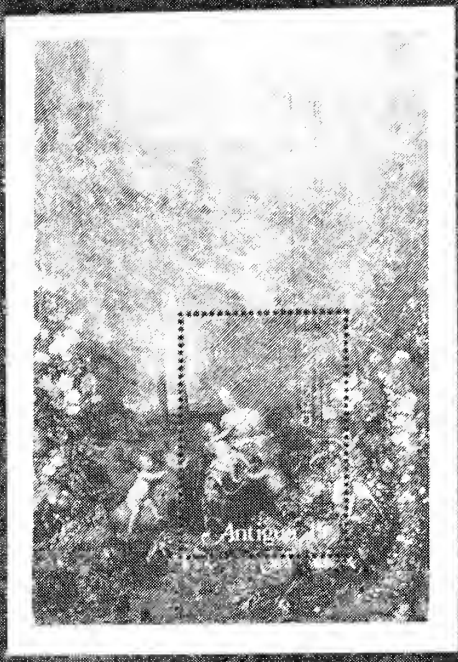
54.5.26
8-12

PAR AVION

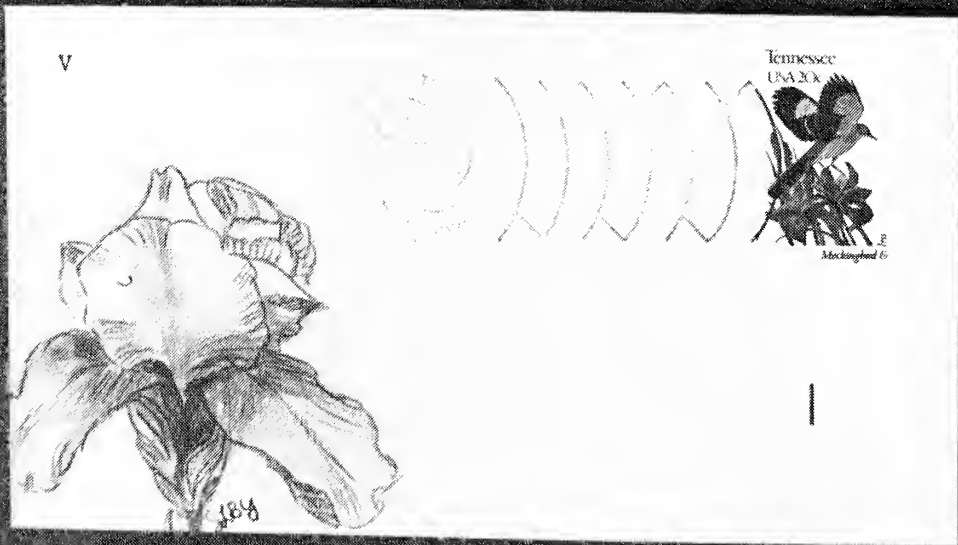
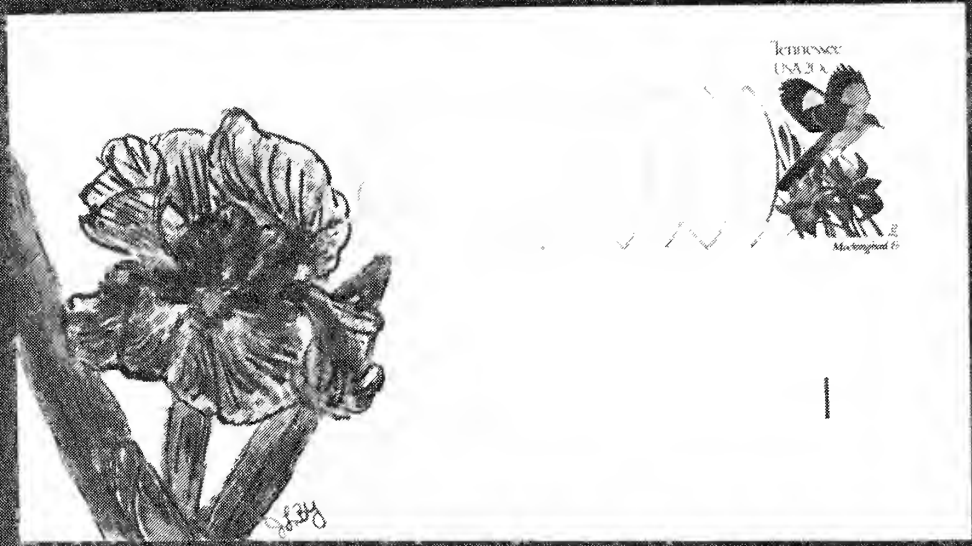
S



T



U



- S: (Minkus 342) Grenada Grenadines issued an eight-value Christmas set showing scenes from Walt Disney's animated cartoon 'Bambi'. The high value (\$3.00) in this set shows two deer with a clump of purple tall bearded irises growing in the right corner.

1981

- T: (Scott 642a) Antigua issued a \$5.00 souvenir sheet for Christmas showing a painting of the Holy Family by Pieter von Avoni. This painting has a floral border with blue tall bearded irises shown among the flowers on the left side.

1982

- U, V: (Scott 1994) United States bird and flower set for the fifty states included a stamp for Tennessee with a purple iris shown for the state flower. Two first day covers issued at the state capitol in Nashville on April 14 had handpainted iris cachets on them. It is very probable that other cachets of irises exist for this state bird and flower stamp, but I have not yet seen them.

- W: In 1982 the Japanese government faced a postal crisis similar to the kind we have in this country, where a postage rate increase becomes necessary. Rather than increase the 40 yen rate for postcards, they opted to allow an advertising cachet on the left front portion of the card and have the advertisers absorb the postal rate increase. These were called ECHO cards. In Japanese, "EH" means picture and "KO" means advertisement. I do not have a Japanese stamp catalog for reference, but Kenneth Yarnell, a Portland, OR dealer in Japanese stamps, has identified which ECHO cards have iris cachets. Many different cards have been issued, often in very large quantities, so to date they are not catalogued by Scott or Minkus. The 5th issue in May (card 2AL 19), the 6th issue in June (3AL 25), the 10th issue in November (#116), and the 14th issue in December (#28) were cards with Japanese irises on them.

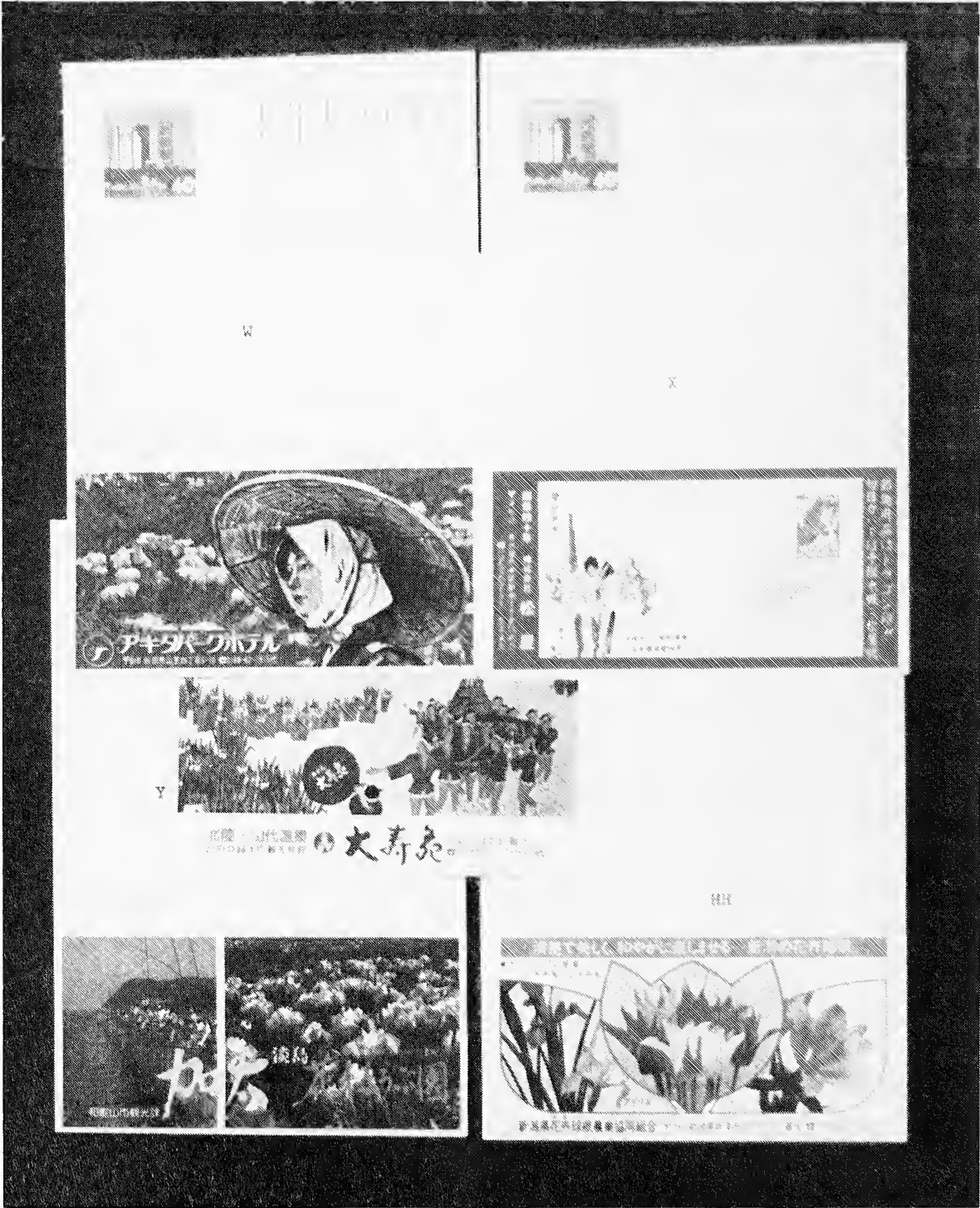
1983

- X: In 1983 two more ECHO cards were issued with Japanese irises in the advertisements: the 15th issue (#29) and the 16th issue (#8) for May and June respectively.

1984

- Y: In 1984 Japan issued three more ECHO cards with iris designs. The 27th issue (#13), the 28th issue (#28) and the 28th issue (#35) came out in May and June.
- Z: (no catalog #) The British offshore island of Staffa issued a two-value set of tranquil flowers. The 40 p stamp in this set is a closeup of a purple iris which appears to be *Iris cristata*.
- AA: (Scott 1415) Monaco issued a seven-value set showing etchings of famous streets and monuments by H. Clarissi. The 40 centime stamp shows the Rue des Iris leading up to the palace grounds.

- BB: (Scott B351) Luxembourg issued a four-value semi-postal set for its child welfare societies. The 40F + 13F stamp shows a child enjoying a blue and purple bicolored tall bearded iris.
- CC: (Scott 2407) The Republic of China (Taiwan) issued a three-value set of Chinese paintings. The \$2.00 value called "Five Auspicious Tokens" has a very tall spuria-like iris in the upper foreground.
- DD: (Minkus 443) Grenada Grenadines issued a six-value set of famous old masters' paintings and tapestries. The 6 cent value is a copy of the 15th Century tapestry in the Metropolitan Museum of Art in New York called 'The Unicorn in Captivity'. In the lower foreground, in front of the white fence which surrounds the unicorn, is a clump of purple tall bearded irises.





- EE: (Scott 8426, 8429) Grenada Grenadines issued a two-value floral set. The 70 cent stamp shows a nice likeness of the walking iris, *Trimezia martinicensis*. This stamp was then reissued with an overprint for the 19th Hamburg (U.P.U.) conference.
- FF: (Scott 482) Lebanon has recently issued a three-value floral set. The 10p value has a very good likeness of the oncocyclus *Iris sofarana*.
- GG: (Scott 3195) Roumania issued a six-value floral set showing flowers of the Danube basin. The 1 leu value shows a very good likeness of the yellow *Iris pseudacorus*.

1985

HH: Japan has issued three more ECHO cards: the 37th issue (#31) in March, the 39th issue (#6) in May, and the 40th (#15) in June. This is the first one that does not show a Japanese iris, because it is for the Japanese Flower Cooperative, which imports Dutch bulbs and hence shows blue and yellow Dutch irises, some tulips, and a lily.

1986

- The United States has announced plans to issue a stamp booklet for the greeting card industry. One of the stamps will have a design with purple irises and the words "Get Well" across the front.

In summary, we have found sixteen more iris flower stamps and numerous cachets featuring irises. Some of the cachets even have postal cancellations with irises in them. Another Iris goddess stamp has been found, and one more iris bird stamp. A seashell stamp has been found which has an iris name, and an iris street has been discovered on a stamp.

On two of the iris stamps, the walking iris (*Trimezia martinicensis*) and the South African wild iris (*Dietes grandiflora*) are reported for the first time. I will leave it to the members of the SIGNA group to tell us whether these irids should be accepted in an iris collection, but obviously we stamp collectors are satisfied.

There must still be many more irises on stamps yet to be discovered, and we invite our readers to join in the search. The writer would appreciate a report on any new findings.

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| | | | |
|---|---------|---|---------|
| Arilian Acres (Shockey) | 76 | Melrose Gardens | 90 |
| Avonbank (Zurbrigg) | 77 | Miller's Manor | 91 |
| Bartlett Studio | 76 | Mission Bell (Hamblen) | 82 |
| Blaylock, Chester | 80 | Moores, Walter | 89 |
| Boswell Iris | 78 | Palmer's Iris | 95 |
| Brown's Sunnyhill Gardens | 77 | Paw Paw Everlast Labels | 104 |
| Burch Iris | 79 | Pleasure Garden (Danielson) | 92-94 |
| Cooley's Gardens | 59 | Powell Gardens | 94 |
| Contemporary (P. Dyer) | 82 | Rainy Day | 98 |
| D & J Gardens (Meek) | 81 | Redbud Lane Iris | 98 |
| East Wind Gardens (Bausch) | 80 | Rialto Gardens (Weiler) | 96 |
| Ensata Gardens | 57 | Riverdale (Hanson) | 97 |
| Eon Industries | 100 | Royal (Johnson) | 84 |
| Evergreen Garden Labels | 81 | Saxton Iris | 99 |
| Gaddie's Gardens | 83 | Schultz Co. | 105 |
| Haltom Road (Williams) | 80 | Schreiner's Gardens | Cover 2 |
| Hamner's Iris | 84 | Shoop, George | 100 |
| Illini Iris (Varner) | 85 | Skyline Farms (Wolford). | Cover 3 |
| Innerst, Sterling | 60 | Smith, Paul R. | 98 |
| Iris Country (R. Nelson) | 58 | Spahn, Fred | 99 |
| Joe Pye Weed's Garden | 83 | Spring Hill Iris (Silverberg). | 101 |
| Kegerise, Eleanor | 86 | Stahly, Harold | 102 |
| Kegerise, Evelyn | 86 | Vagabond Gardens (F. Foster) | 102 |
| Kirkland Iris (Lankow) | 87 | Varigay Gardens (Ensminger) | 103 |
| Long's Gardens | 88 | Wethersfield Iris (Gadd) | 104 |
| Louisiana Slides (Caillet) | 86 | Willott Iris | 105 |
| M.A.D. Iris (Dunn) | 89 | Wright Iris | 106 |
| Maryott's Garden | Cover 4 | | |
| Commercial Directory | | 107-115 | |

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Due to continued demand for this out-of-print reference book, the American Iris Society Board of Directors has authorized a limited reprinting of the . . .

Iris Check List of Registered Cultivar Names, 1960-1969

Copies are now available for \$15.00, postpaid.

Make checks payable to the American Iris Society and send to:
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AMERICAN IRIS SOCIETY FOUNDATION: Send to AIS Foundation, Richard T. Pettijohn, Treasurer, 2510 S. 148th Avenue, Omaha, NE 68144. Donations to the Foundation are tax deductible.

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INTRODUCING

LAVENDER QUEEN (Bartlett '86) Sdlg. #7F10. TB, 40", ML. Finally—a spooned iris with size, substance and modern form! Gorgeous light lavender self, ruffled and lightly laced, with tangerine beards and long lavender spoons. Tall and well branched. Winner, Best Seedling, Region 15 Spring Trek, 1985 \$30.00

Previous Introduction

FIRST COMMUNION (Bartlett '85) TB, 36", EM. Flaring, ruffled pure white, even the beards. Excellent form, substance and branching. Many buds, reliable grower. \$15.00

BARTLETT STUDIO

8961 Moorcroft Ave.

Canoga Park, CA 91304

ARILIAN ACRES

Introductions of Howard Shockey

4611 Rio Grande Ln., N.W.

Albuquerque, NM 87107

1986 INTRODUCTIONS

EL MORADO (Shockey '86) TB, 44", M. Medium purple self with violet-purple beards. Large jaunty semi-flaring flowers of heavy wide branching and rebranching—up to 14 buds on established plants. A super husky grower with consistent performance. Definitely for the **back** of the border. Sdlg. 80-228-C: Nobleman X Super Indiglow. \$25.00

SAHRA TASH (Shockey '86) AB, ½ (OGB), 24", E. Definitely a different Arilbred. Standards are oyster-white flushed old gold at edges. Semi-recurving falls of RC form are oyster-white flushing to old gold at edges, centers flushed violet and have medium large near black signal spots. Sdlg. 82-112-A: (Stars Over Chicago x Welcome Reward) X Syrian Moon. \$20.00

STAR RUBY (Shockey '86) AR(0), 10", E. This little oncocyclis hybrid is absolutely stunning! White standards have ruby-black slashes inside at bases—recurving falls are medium maroon-purple diffusing to near white at tips. Extremely large ruby-black signals cover over ½ the width of the falls. Recommended only for experienced Aril growers—rhizomes are quite small. Sdlg. 77-24-9C: ((Judean Bonnet x W-157) x *I. iberica*) X Cherry Sass \$15.00

Previous Introductions

BARTERED BRIDE TB, '84. Apricot-pink and buff-gold bitone; tangerine beards \$20.00

LUNAR FLOUNCE TB, '84. Non-fading ruffled medium yellow \$20.00

NORDIC KISS TB, '83. Beautiful clean white with cerise beards. HM, 1985 \$17.50

SHALAKO TB, '84. Yellow and mahogany plicata. Good show specimens \$20.00

Please order by Aug. 1. Aug. 1-15 AIRMAIL shipment included.

AVONBANK IRIS GARDENS

IMMORTALITY (Zurbrigg, 1982). FIFTEEN weeks of bloom in 1985. Average of thirteen weeks for the past four years. Glorious white blooms on short 30" stalks \$12.00 each or 3 for \$25.00

GLACIER KING (Dudley Carson, 1986). TB, EM & RE, 34". Lovely glacial blue that brings a modern flower combined with the rock-hardness of the iris introductions of the late G. Percy Brown. Quite fertile either way. Spicy fragrance. Fall Blue Contrast X Cloud Baron. \$20.00

LITTLE PINKABLOO (Dudley Carson, 1986). BB, 17-25", E-M. An iris with a great personality. It won a "first award" at Portland, OR in 1984. Standards are clear pink; Falls are lavender with rosy intensification at the hafts. Beards are pink! Tailored form; sweet fragrance. (Flame Kiss x Fall Primrose) X (Flame Kiss x Fall Primrose). \$20.00

Send 44¢ in stamps for descriptive catalogue, including faults. (Illustrated but no color). Remontant, remontant-bred, Space-Age irises.

Lloyd Zurbrigg

Box 5691, Radford University

Radford, VA 24142

BROWN'S SUNNYHILL GARDENS

Route 3, Box 102

Milton-Freewater, Oregon 97862

1986 Introductions

BLACK HILLS GOLD (O. Brown '86) TB, 37", M. Domed, ruffled standards are lemon yellow blushed with apricot pink. Ruffled, wide falls are semi-flaring in a lovely shade of mimosa yellow enhanced with a prominent blush of apricot pink on hafts. Lighter area surrounds thick tangerine beards. Tall stalks with well spaced 6" blooms. Sdlg. 82-13A2: Fresno Calypso X Mandolin. Reminiscent of the Black Hills gold found in our own North Dakota. \$25.00

BLENDED FRILLS (O. Brown '86) TB, 33", M. Ruffled standards are nicely closed in a lovely warm lavender-pink. Wide, fluted, horizontal falls are rose-purple. Lighter area surrounds the beards, which are pale yellow with only the lavender tips showing. Well branched with large blooms. Sdlg. 31-3F2: Pearls and Gold sib X (Pretty Karen x Woodland Rose) \$25.00

CLASSIC EDITION (O. Brown '86) TB, 35", M. A large self of brick pink. Standards are nicely held, and the wide, ruffled falls are semi-flaring with brick red beards. 8 to 10 buds on tall stalks. Taller and larger than its pollen parent, Far Corners. Sdlg. 81-1A1: (Schiaparelli sib x Instant Charm) X Far Corners. Should be of value to the hybridizer. . . \$25.00

*Please add \$2.00 for shipping and handling
Modest list on request*

BOSWELL IRIS GARDEN

Carl and LaRue

1821 Gross Lane

415-682-0777

Concord, CA 94519

C. Boswell 1986 Introductions

LITTLE GREEN EYES—MDB, 5", Sdlg. 107-69. White standards with yellow midrib; flaring white falls with green markings around white beards. Cradle Days X Blue Denim\$10.00

BABY RED MOHR—AB-MED, 13", Sdlg. 293-72. A miniature Mohr. Deep garnet red, darker in center of slightly recurved falls; garnet red beards. Tomingo X (oncogelia x Beisan Aga).....\$15.00

NETTED BRONZE—AB, 29", Sdlg. 197-76. Standards light bronze-yellow, veined darker. Falls pale brownish bronze-maroon center to yellowish tan at edge, veined darker; bronze beards. Tel Aviv X V. Wood 76-7: (inv. Syrian Moon, Ech-Chams-Harra, Bronze Beauty, Ib-Mac, Kalifa Baltis).....\$17.50

*The next three AB-MEDs are from (Gingerbread Man x I. balkana)
X Welcome Reward, sib to Fall in Line and Hills of Lafayette.*

JEWEL OF OMAR—18", Sdlg. 181-75-1. Has an air of the Mystic East. Medium blue with purple at the base of the standards. Medium lime-yellow falls with maroon-brown around violet beards, set off by greenish yellow styles. EC '84.....\$15.00

OMAR'S TORCH—18", Sdlg. 181-75-17. Most striking! Very bright yellow beards that look like a torch in the midnight sky. Medium purple standards, darker at midrib. Plum falls, darker at center and light purple at edge, small dark purple line signal\$15.00

OMAR'S SISTER—Sdlg. 181-75-24. Being introduced by the Aril Society.

UNDER GLEAM—TB, 32", Sdlg. 229-72. Our first TB. Pale greenish yellow standards, blue midribs and edges. Pale blue falls with a darker blue line down center, reverse side of flaring falls are pale cream; light blue beards. 8 to 12 medium size flowers per stalk. Touche X (Commentary x Punchline).\$25.00

List of median irises on request. Shipping mid-July to mid-August. Make checks payable to Carl Boswell. Please include \$2.00 for postage. EXTRAS. Our garden will be open for visitors before and after the AIS Convention in San Jose.

BURCH IRIS GARDEN

P.O. Box 10003
717 Pratt Avenue, NE
Huntsville, Alabama 35801

ELIZABETH CAROL—TB (Steinhauer 7301 X Dark Ritual) This beautiful near black, velvety self has slightly ruffled flowers. It does appear to be black when in bud and first opened but brightens to red-black as the blossom matures. It has 3 branches with 7 buds. EC '80, HC '83. \$25.00

OCEAN SWELLS—TB (Neapolitan X Mill Race) This very prolific pale blue self has 4 branches and up to 12 blooms. It is ruffled, produces good show stalks and grows very well. EC '83 \$25.00

Previous Introductions

AZTEC AFFLUENCE (Burch '83) Yellow ground, reddish-brown plicata. HC '82 \$15.00

BALLAD OF DIXIE (Burch '83) Pale yellow self. HC '83 \$10.00

BAMA BERRY (Burch '84) White with rosy pink plicata markings. EC, HC '83 Net \$17.50

BLUE TEMPEST (Burch '79) S. light blue, F. violet. HM '82 \$ 5.00

FROSTY JEWELS (Burch '79) Leathery light pink. HM '81, AM 83 \$ 5.00

GREAT DIVIDE (Bledsoe '84) Burgundy self, gold lace. Net \$15.00

JEWEL STARLIGHT (Burch '80) Yellow and white. HM '82 \$ 5.00

KIRSCH BB (Burch '84) Reddish purple, overlaid black. HC 83 ... \$10.00

MISS NELLIE BB (Burch '83) S. yellow, F. blend of yellow, red, and purple. HM '85. \$ 7.00

MULBERRY MIST (Burch '78) Red-violet rebloomer. HM '80 \$ 5.00

OLIVELLA (Bledsoe '82) Olive violet, gold. HC '81 \$ 5.00

OPTIMIST (Burch '83) Light yellow \$10.00

PATRICIAN ELEGANCE (Burch '84) Buff orange and white. HC '83. \$15.00

ROMAN LOVER (Burch '78) Velvety red violet bitone. HM '84 ... \$ 7.00

SILVERY DEW (Burch '82) Light violet overlaid with silvery sheen. HC '81 Net \$ 7.50

SOUTHLAND GRAPE (Burch '78) Violet with bronze beard. HM '80, AM '82 \$ 5.00

WHITE TOKEN (Burch '81) White with gold beard \$ 5.00

WONDER STRUCK (Burch '81) Pale violet, gold hafts. HM '83 ... \$ 5.00

Irises other than '86 introductions and those listed NET may be ordered for ½ the advertised price.

Order from this ad—no catalog

INTRODUCING FOR 1986

PAMPER PINK—TB, 36", EM. Soft pink self; tangerine beards. Pleasing faint fragrance, good substance. Ruffled, flaring blooms on well proportioned stalks. Sdlg. 4-81. Miss Priss X Vanity \$25.00

GEE GOLLY—TB, 36", M. Lavender blue self; orchid beards. Robust grower with good substance and bud count. Well branched with sturdy stalks. Plenty of hybrid vigor from parentage of Glory Bound X Full Tilt. Sdlg. 2-82. \$25.00

Both of the Above for \$40.00

PINK LAMB—BB, 26", M. Ruffled pink self \$12.50

PACE CAR—TB, 37". Ruffled blue-violet self. Wide hafts, good form . . \$20.00

All 4 irises in this ad for \$55.00
\$2.00 postage and handling

CHESTER BLAYLOCK

108 S. West End Blvd.

Cape Girardeau, MO 63701

GARDEN of the EAST WIND Mel & Lynn Bausch

11530 N. Laguna Drive

Mequon, Wisconsin 53092

BAHAMA WIND—'86. SDB, 10", E. Ruffled creamy white with medium yellow hafts. Lavender beards with gold in throat. Flirty Mary X Track Fiddler. \$10.00

CLOWNING AROUND—'86. SDB, 10", E. Slightly ruffled white ground plicata with medium blue-violet stitching on stds., medium red-violet on hafts blending to medium blue-violet to pale blue-violet on falls. White beards tipped bronze. Slight fragrance. Bashful Bunny X Prisoner \$10.00

FROSTY FILLY—'86. TB, 34", M. Ruffled pure white self with yellow beards tipped white. E17-1: (((New Snow x Lipstick) x Hall pink sdlg.) x sdlg. inv. White Caprice, New Snow, Party Dress, Lipstick, Hall pink sdlg.) x Madeira Belle) X Syncopating Ivory. EC '82 \$25.00

Previous introductions: Double Your Pleasure, Eye Opener, Bashful Bunny, Track Fiddler, Sippin' Wine, Silky Dip, Lime Twist, Mighty Mite, Sweet Deal, Fiftieth Anniversary, Racing Silks, Syncopating Ivory. Our introduction price list on request.

Please include \$1.50 for shipping and handling.

HALTOM ROAD GARDENS

3136 Haltom Road

Fort Worth, Texas 76117

1986 Introductions of Peggy Williams

FLUTED PENNY—TB, 38", M. Standards copper; falls darker copper with some texture veining. Deep gold beards. Sun Worshiper X Temple Gold \$25.00

OUR MIKE—TB, 38", M. Standards bright yellow; falls white, finely edged white and a yellow heart. Deep gold beards. Starring Role X Gold Trimmings \$25.00

Price list available—\$1.00 please (deductible). Listing TBs, Medians, Louisianas, Spurias and also daylilies, cannas (hybrids). Please add \$3.00 postage on mail orders. Generous extras.

D & J GARDENS 1986

1373 Coventry Road
Concord, CA 94518
(415) 685-6489

BOOGIE MAN (D. Meek '86) TB, 30", M-L, Sdlg. B-128-1-5 \$25.00

Stds. dark violet, on the black side. Falls darker and more definitely blacker than stds. Lighter veining around bronze beards. Extremely ruffled. Purple Pomp X Cherry Smoke.

BURNING CANDLE (D. Meek '86) TB, 36", M-L, Sdlg. G9-1-7. \$25.00

Rosy tan blended orange. Lighter area below coral beards and gold tinting at the hafts. Ruffled with lightly picoted edges. Stds. well held and falls flaring. B41-1-1: (Orange Icing x New Moon) X Homecoming Queen.

CARIBBEAN GOLD (D. Meek '86) TB, 36", E-M, Sdlg. B10A-2-8 \$25.00

Stds. and falls golden yellow with lighter halo around gold beards. Medium ruffling with picoted edges. Lemon Lyric X 68-39D, Keppel recessive sdlg.

LINGERING LOVE (D. Meek '86) TB, 36", M-L, Sdlg. B173-1-9 \$25.00

Stds. medium pink-orchid with lighter markings at midribs. Falls white with 1/2" border in pink-orchid with some dotting on inner rim. Deeper dotting at hafts. Coral beards tipped orchid. Magenta Rose X G3-1-5: a sdlg. involving Erika, Laura's Choice, April Melody, Apricot Blaze and Grecian Gown.

MINSTREL MAN (D. Meek '86) TB, 30", M-L, Sdlg. B112-1-8 \$25.00

Wine red stds., darker wine red falls. Bronze beards. Medium ruffling and well held stds. Minisa X Maroon Bells.

WHITE LINEN (D. Meek '86) TB, 36", E-M, Sdlg. B379-2-8. \$25.00

Oyster white stds. and falls with the slightest hint of green. Pale soft yellow beards. Ruffled, heavy texture and very wide. Carved Crystal X Winterscape.

We have no catalog, so please order from this ad. Prices are net, but we are very generous with extras. When ordering, please add \$2.00 for postage. California residents please add appropriate sales tax. A list of previous introductions may be obtained by sending a self addressed, stamped envelope. Shipping mid-July to mid-August unless otherwise requested.



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Send 20¢ stamp for brochure & pricelist to EVERGREEN, P. O. BOX 922
CLOVERDALE, CA 95425

CONTEMPORARY GARDENS of Perry Dyer

Box 534

Blanchard, OK 73010

—1986 Introductions—

PALE STAR (Bennett C. Jones) SDB, 11", Midseason-Late.

Continuing the parade of classically formed descendants of Cotton Blossom, PALE STAR will not disappoint you in that area. Pale blue, just barely blue, the standards are arched and closed, touching at the tips. Wide, round falls are nearly horizontal with ruffling, or crimping, around the edges. A little smaller than Cotton Blossom, PALE STAR is a shy beauty, impeccable in form, abundant in bloom. Sdlg. M322: (Cotton Blossom X M297: ((176 x Meadow Moss) x (Meadow Moss x Kentucky Bluegrass))) \$7.50

SUN DOLL (Bennett C. Jones) SDB, 14", Midseason.

From two superior red irises, this bright sunny yellow is a credit to each of them. A medium yellow self whose standards are domed and closed. Its wide falls are abundantly ruffled, sparkling in the sunshine. Well branched stalks carry ample buds, assuring a long season of bloom. A superior yellow iris. Sdlg. M370-1: (Tortuga X Queen's Pawn) . . \$7.50

—Send stamp for 1986 price list—

MISSION BELL GARDENS—1986

Melba and Jim Hamblen

2778 W. 5600 So.

Roy, Utah 84067

Tall Bearded (Hamblen)

GLORIOUS SUNSHINE—Stunning creamy yellow self with multiple buds and tall, well-branched stems. Ruffled and laced \$30.00

NANCY GLAZIER—Ruffled oyster-pink stds.; frilly, flaring off-white falls, edged pale yellow; henna beards. Lovely \$30.00

PINK ROSE—Swirled pink stds.; ruffled rose-pink falls; coral beards. Entrancing! \$30.00

ROSECRAFT—Ruffly wide beauty in rose-violet, fall centers lighter; violet-tipped rusty henna beards \$30.00

RUFFLES GALORE—"Blue" self that was an '85 center of attraction. Intense ruffling; falls wide and flaring. \$30.00

SIENNA WALTZ—A vision in ruffled white satin; greyed orange beards with violet-based tips \$30.00

. . . and Border Bearded

COPPER GLAZE—Bright yellow; cinnamon capelet and beards \$30.00

See January Bulletin ad for full descriptions.

Write for our April catalog, listing many later introductions.

1986 Warburton Introductions from

Joe Pye Weed's Garden

- BELLISSIMA**-SIB. Exquisitely ruffled white with green flush \$30
FINE TUNED-SIB. Medium blue-violet, aqua midribs on styles . . \$25
PURPLE PROSE-SIB. Wide and ruffled purple self. Long bloom. \$30
LILAC LULU-SDB. Light rosy-violet luminata, very elegant \$15
VIOLET LULU-SDB. Violet blue luminata, unusual wide falls . . . \$15

See ad in January Bulletin.
Complete list on request.

Marty Schafer and Jan Sacks
45 Elm Street
Bedford, MA 01730

Gene Gaddie '86 Introductions

HEAVEN'S SHORE—HC in '85. Finally, a bit of lace on a blue TB with excellent form—short, wide petals and super ruffling. And, three well-placed branches hold seven buds on 31" stalks. A bright self in a clean, clear light blue, with a hint of violet. #28-1: Butterscotch Trim X Charisma. \$25.00

RAZZLE-DAZZLE—This '84 HC-winning SDB has very bright blue-violet standards and matching 1/8" rim on the falls; a deep velvet wine spot; and a big, fat wisteria blue beard. 13 1/2". #12-14: Derring Do X Blue Pools \$10.00

EXTRAS on all orders for Gaddie irises will be of equal value, from other irises in this ad, depending on availability at the time your order is received. Please attach a want list in order of preference. Add \$2.50 for shipping and handling. Order from this ad.

ALL 15 IRISES ONLY \$50.00—No extras

1985 Introductions

(Described April '85, page 78)

| | |
|-----------------------|---------|
| Rhythm on Ice—TB | \$17.00 |
| Buckskin Finale—BB | \$10.00 |
| From the Heart—IB | \$ 9.50 |
| Blue Nymph—SDB | \$ 5.50 |
| Royal Trim—SDB | \$ 6.00 |
| Burgundy Blues—MDB | \$ 6.50 |
| Sunset Etching—SPURIA | \$15.00 |

GADDIES' GARDENS
601 Eighth Street
Stanton, NE 68779

1984 Introductions

(Described April '84, page 81)

| | |
|----------------------|---------|
| Bronze Sculpture—TB | \$11.00 |
| Little Snow Lemon—IB | \$ 5.50 |
| Happy Easter—SDB | \$ 4.00 |
| Royal Sparks—SDB | \$ 4.00 |
| Ruffled Revel—SDB | \$ 3.00 |
| Can't Stop—SDB | \$ 2.50 |

To phone Gene
at nearby Norfolk:
(402) 371- 5687

1986 Introductions

BLUE RADIANCE—TB, 34", L. Ruffled medium blue self. Yellow beards tipped white. Flattery X Gay Charmer. HC 1982 \$25.00

BLOWN LACE—TB, 34", M. Heavily laced falls and standards. Medium blue with white hafts. Miss Dolly Dollars X K81A. HC 1981 \$25.00

ROYAL IRIS GARDEN

24533 N. Wind Lake Road

Wind Lake, WI 53185

HAMNER'S IRIS GARDEN

960 North Perris Blvd.

Perris, CA 92370

1986 INTRODUCTIONS

DELTA CHIEF—TB, 38", M. Gorgeous cinnamon brown self with wide, ruffled form. This splendid iris has excellent branching with 9 or more buds. Medium red beards. Vigorous growth habits. Sdlg. 82-201: Chief Redskin X (76-124 x Spiced Honey) \$30.00

MISS JEANIE—TB, 35", ML. Lovely pink self with a splash of white on the falls. Great branching with 7 buds. The red beards and overall ruffling enhance the beauty of this lovely iris. Sdlg. 81-21-4: Beauty Crown X (Party Parfait x Melissa Sue). Won Best Seedling award at the Inland Iris Show last spring. \$30.00

PARADISE LANE—TB, 32-34", EM. Rose pink self. Stands and falls are ruffled and lightly laced. Good branching, 7 buds, tangerine beards. Vigorous growth habits and unique color of this beauty will make it much in demand as landscape value. Sdlg. 81-21-2: Beauty Crown X (Party Parfait x Melissa Sue). \$25.00

QUASAR—TB, 35-36", EM. Tall, well branched Chinese yellow self with 8 to 9 buds. Generous ruffling, heavy substance and does not sun bleach. Yellow-orange beards. Sdlg. 82-5: Catalyst X Well Endowed \$25.00

TREASURED LOVE—TB, 36", M. Outstanding coral-peach self with lavish ruffling and lace. A small splash of creamy white on center of falls adds charm. This beauty has show stalk branching with 8 buds. Tangerine beards. Sdlg. 81-21: Beauty Crown X (Party Parfait x Melissa Sue) \$30.00

WATCH NIGHT—TB, 36", M. Ruffled dark violet self. Excellent branching with 7 to 8 buds. This superb iris has beautiful, wide form, good substance and strong, vigorous growth habits. Sdlg. 80-501: (Princess Gloria x Navy Strut) X ((Liberty Royal x Touche) x Latin Lover) \$25.00

Price List sent on request



D. STEVE VARNER—IILLINI IRIS
RR 3, Box 5, N. State Street Road
Monticello, IL 61856
Ph. 217-762-3446

New for 1986—All Prices Net

ILLINI CROWN—SIB #V9147 (V477 = Tealwood selfed X Deep Shade) M 34" 3" 2 branches, 4 buds. Very floriferous. Medium deep wine red stds., deep wine red falls. Small white signal with red veins. Popular at Indy convention \$25.00

JILTED—#3146 (unnumbered TB sdlg. gift from Allan Ensminger—his 75-18 X Rancho Rose) 34" M. Pink with random purple-raspberry streaks. UNIQUE! Extremely popular with visitors \$30.00

SATIN SILK—TB #V1068 (V7107-2 sibs of Thelma Rudolph X V5151 = Love Is x red-bearded red) M 32" 4 branches, 8 buds. Very ruffled, wide, pink bitone reverse with deep pink beards. Excellent carrying power. Looks PINK from afar. \$30.00

—Well rooted, robust, single ramet TET Hems, fall delivery. . . . \$100.00 each

ILLINI BLESSING—#2373 (Illini Jackpot X Scarlock) 31" dor diu M-MLa-La 5" sunfast. Glowing medium deep red with deeper veins. Medium size medium green throat. Lightly ruffled.

ILLINI SHOW GIRL—#S0232 (Ed Murray X Jock Randall) 32" dor diu M-MLa-La 6". Wide, round, ruffled, deep red with medium size very green throat.

1985 Introductions

BANTAM—MDB 6" M. All ruffled, flared falls dark red \$12.00

HADES—TB 32" M. Rich, bright, deep red self. Ex. parent. \$22.00

IRISH HALO—SDB 12" EM. Flared lt. green amoena. Long bloom season \$12.00

PEACE CHILD—TB 32" EM. Ruffled, ex. form. Very lt. lav. stds.; white F. . . \$25.00

COLORADO COLONEL—SIB 32" ML-VL. Mid-blue, lt. edge. Long-late bloom \$22.00

DEMURE ILLINI—SIB 36" E-ML. Very popular deep grape red. Much of upper half of F. is white, veined deep red. Pictured in Jan. '86 *Flower and Garden*. 2 branches, 5 buds. Very floriferous. Reservations being taken on available stock \$25.00

DIXON—SIB 32" ML. Late medium blue with hint of dappling. \$27.00

ILLINI FLIRT—SIB TET 32" M. Pinkish lavender-rose amoena. Low and floriferous. A breeder's tool. \$22.00

DARK DELIGHT—TET HEM. Ruffled petals, full, recurved, very dark red self except for very green throat. \$80.00

ILLINI MODEL—TET HEM 62.5% Ed Murray. Ruffled, bright, very deep dark red. Sun resistant. Wide, multiple branching. \$90.00

We extend a special invitation to visit ILLINI IRIS at bloom times. Order directly from this ad or send \$1.00 for our price list with more detailed descriptions of our plants and also listing others' Siberians and Hems. Please add \$3.00 to help with packing and shipping. Foreign customers pay actual air PP costs. Bearded iris orders will be shipped in order received, starting July 6, and Siberians starting Sept. 7—unless you specify desired shipping dates. Please send street or RR, and directions for UPS delivery. Satisfaction guaranteed. Easily reached from Interstates 57, 72, and 74.

1986 INTRODUCTIONS

MEADOW LANDS—TB, 38", E-M. A very pale yellow with slight greenish undertones, yellow hafts and deep yellow beards. The large flowers with closed standards and flaring falls are of good substance. Eight nicely ruffled flowers. Each beautifully branched stalk will produce three open flowers at one time. Fertile. Sdlg. 8-77-1. Lemon Mist X Country Manor. HC '84. \$25.00

SPRINGTIME SPLENDOR—TB, 40", E-M. A sib to Meadow Lands but entirely different in coloration. Ivory standards, light yellow falls with just a hint of orange. Light yellow beards. The large ruffled flowers are well spaced on widely branched stalks. Eight flowers. Fertile. Sdlg. 8-77-2. Lemon Mist X Country Manor. HC '85 \$25.00

Please include \$2.00 for postage

MRS. RICHARD P. (ELEANOR) KEGERISE

4306 Seventh Avenue

Temple, PA 19560

1986 Introductions

KATY LYNNE—TB, 35", E-M. A bright lemon yellow self with deeper lemon beards. Lightly touching standards. Ruffled, flaring falls pale slightly in the center. Well branched stalks carry 7 or more lovely formed blooms. Vigorous plant growth. An impressive clump in bloom. Acclamation X 75-56W: (Cream Taffeta x Country Manor). HC 1985. \$25.00

SULTRY MISS—TB, 33", M-L. The best to date of my efforts in breeding for harmonious bicolors. Perceived as having bright warm pink standards with slight infusion of fall color visible at base of midrib. Flaring, rounded, ruffled falls are a rosy violet shade, deepening in color near edge. Light lavender beards tipped red-orange. Strong, well branched stalks carry 8 or more beautifully formed, durable blooms. An outstanding clump in bloom with good foliage throughout the growing season. Disease resistant. HC 1985 \$30.00

Please include \$2.00 for shipping

Mrs. Grant D. (Evelyn) Kegerise

501 Pennsylvania Ave.

Reading, PA 19605

LOUISIANA IRIS SLIDES FOR RENT

Slide sets for programs on Louisiana irises available for \$10.00 rental plus return postage. Comes with a complete script and educational materials. Can be sent boxed or in Kodak carousel. Three general topics: "What's New in Louisianas," "Hybridizers and Their Introductions," and "Introduction to Judging Louisianas." Indicate alternate date and topics when ordering.

Contact Marie Caillet, Route 1, Frisco, TX 75034

Telephone: 214-292-1154

KIRKLAND IRIS GARDEN—1986

Carol and George Lankow

725—20th Avenue West, Kirkland, WA 98033

AT LAST. With Riverdale Iris Gardens, we are proud to introduce the first of our selections of seedlings of May Belle Wright.

ICE CAVE—TB 39" M Sdlg. T72. Tall (up to 44"), graceful and extremely stylish.

We named this serene beauty for the fabled ice caves on Mt. Rainier. The broad, closed standards are ice blue, deepening at the base and in the heart of the flower. The flaring falls are cool white with a shadow of blue on the hafts.

Three superbly placed branches plus spur. 10-11 buds. \$25.00

MISS RIGHT—IB 20" EM-L Sdlg. H9. Unknown parentage, but obviously related to May Belle's yellow BBs. This has been a joy since its first blooming and may just be the best yellow IB to date. Lemon yellow, darker at the hafts, the ruffly flaring flowers are displayed on strong growing plants that produce them in abundance. Simply outstanding \$15.00

RIGHT FACE—SDB 11" EM Sdlg. WR5. (prob. inv. Meadow Moss, Gingerbread Man and Knockout). Pale blue standards. Soft gold falls. Pretty light blue-violet beards. The very smooth color fades to a white and yellow garden effect. Should produce superior yellow amoenas. Good form. One branch, three buds. You will enjoy this clean, fresh looking little iris \$10.00

RIGHT HONORABLE—SDB 10" EM Sdlg. WR2. Prob. L4: (Black Baby x Cherry Garden) X unknown. This is a dwarf with dignity. Rich dark purple with very dark spot and dark violet beards. Flower may be a tad large, but the full, gently waved form is elegant. Multiple bloomstalks. A small iris with immense presence \$10.00

. . . And from the LANKOW seedling rows:

DRESS BLUES—TB 30" M-L Sdlg. 80-20-1. Ruffled Cherub X Babbling Brook. We had hoped for a BB from this cross, but we are happy with this long blooming, rich medium blue. Nice full ruffled form, heavy substance, 2 and 3 branches plus spur, multiple buds, all nicely proportioned. \$20.00

MOSS BAY—IB 19" E Sdlg. 4A39-1. Wright L85: (Blue Trinket x Cotton Blossom) X (yellow BB x *aphylla*). Actually measures MTB much of the time, but looks more IB with compact, round, ruffled, small flowers. Color is green-cream. Falls washed pale violet with violet flash at tip of gold tipped dark violet beards. A snappy, happy iris so we named it for Kirkland's summer festival \$12.50

LIVE JAZZ—SDB 12" EM Sdlg. 2A24-3. Spring Bonnet X (pink SDB x Cotton Blossom). Hot color. Apricot pink standards, apricot orange falls, coral beards—all high intensity. Form is just acceptable, but sitting on branched stems on vigorous plants, this is a garden ornament \$10.00

All are co-introduced with and are available from RIVERDALE IRIS GARDENS, 7124 Riverdale Road, Minneapolis, MN 55430.

NEW FROM COLORADO IN '86

ANY SUNDAE (John Durrance) TB, 34", M, Sdlg. D91-A. Like the fluffy whipped cream and cherry that should adorn any sundae, let this laced and ruffled pure white self with red beards be the finishing touch for your garden. Bride's Lace X Christmas Rubies \$25.00

CONSTANTINOPLE (Tom Magee) TB, 35", M. Fabled domed city of Christ. Upright ruffled light gold standards form hemisphere above field of wide ivory horizontal falls. Beards ivory, grading to gold treasure trove beneath standards. Colorado Sunshine X Treasure Room. EC '84 \$25.00

HOOP SKIRTS (Tom Magee) TB, 31", M. From the first to the last dance, a big blocky cream with gold beards, yellow hafts, lots of ruffles, draped pleats and touches of tinged yellow lace. Koala X Wedding Cake. HC '84, EC '84 and '85..... \$25.00

LACED CURTAINS (Tom Magee) TB, 32", M. Breezy, ruffled, laced white standards and falls. Gold thread around standards, falls and style arms, with embroidered gold hafts and gold beards. Colorado Sunshine X Bride's Halo. EC '84. \$25.00

NEBULA (John Durrance) TB, 40", M, Sdlg. D82-27. Snowballs suspended in space—these very light blue self flowers open one at a time and fade to an icy white. Good Morning America X Magic Lady..... \$25.00

SWING KING (Tom Magee) TB, 35", M. Big Band tribute. Large gold trumpet crown standards with ivory, gold-banded falls truckin' round. Gold note beards. Colorado Sunshine X Bride's Halo. EC '84..... \$25.00

For a complete listing of available varieties, including previous introductions from Colorado hybridizers, please request our free 1986 Iris catalog.

LONG'S GARDENS

P. O. Box 19

Boulder, Colorado 80306

WALTER A. MOORES

4233 Village Creek Road

Fort Worth, TX 76119

1986 Reblooming Introductions

WHITE REPRISE—TB, 30", EM & RE in Texas. A ruffled and fluted white self with white beards tipped yellow, White Reprise sends up secondary stalks after spring bloom. Then, if growing well on established clumps, it can rebloom again in November. Ben Hager of Melrose Gardens was so impressed with White Reprise that he bought all of the stock he was guesting for the 1986 AIS Convention. It grew taller there than its registered height. Earl Roberts X Soft Halo \$25.00

DRIFTING CONFETTI—TB, 34", M. This deep wine fancy plicata on cream to white ground was not registered as a rebloomer. During the favorable reblooming conditions of 1985, every mature rhizome rebloomed, thus depleting the stock and leaving only small, immature plants. It had never done this before. Drifting Confetti is not for sale but is being offered as a companion plant to White Reprise. It was well received at Rancho de la Flor de Lis in New Mexico. Spiked Punch X sib.

Send stamp for list.

Add \$2.50 for postage or UPS.

**M. A. D. IRIS GARDEN
of Bob and Mary Dunn
phone (916) 482-0562**

4828 Jella Way

North Highlands, CA 95660

ALLSTAR (Bob Dunn '86) Large, wide blue, blue self. Heavy substance, ruffled and flaring form. Vigorous grower with many buds. Five Star Admiral X Blue Maxx \$30.00

CALIFORNIA CLASSIC (Mary Dunn '86) Domed, copper rose standards. Raspberry rose falls with deeper band around edge. Tall, wide branched stems. Vivid blend with ruffled form. Entourage X Hilow \$30.00

CRYSTALYN (Bob Dunn '86) Crystal dusted blue-white, flushed pale blue in center of flower. Outstanding branching, ruffled form, usually 3 open flowers with multi-stems, good grower. Carved Crystal X Blue Maxx \$30.00

FANCY FACE (Mary Dunn '86) Nicely formed, ruffled violet with large white area below white beards. Very showy, well branched with multi-stems, 3 open flowers. Makes a nice clump. Midway X Adora. . \$30.00

MOMENTUM (Mary Dunn '86) Wide, ruffled, showy plicata type. White ground standards with blue markings all around. Falls marked violet around edge and across haft area; violet beards. Great branching, outstanding form with 3 open flowers. Perfecta X Spinning Wheel \$35.00

Previous introductions also available—Ask for price

No other list. Please order from this ad. Include \$3.00 for handling and postage. California residents add sales tax. We will ship via UPS during July and August.

MELROSE GARDENS

309 Best Road South AA

Stockton, California 95205

REFER TO OUR AD IN THE JANUARY '86 BULLETIN
FOR BEARDED AND BEARDLESS
IRIS INTRODUCTIONS

ARILBRED IRIS INTRODUCTIONS:

- MEDINA** (Jonnye Rich '86) Lightly veined mallow pink, small dark signals. \$20.00
- KERET** (Jonnye Rich '86) Big, onco-like blossoms; amethyst to charcoal dark signal areas \$25.00
- KUDOS** (Jonnye Rich '86) Big flowers; veined mauve purple. Largest signals yet. \$25.00
- TURKESTAN** (Hager '86) Stds. deep purple. Falls dark red, darker signal area and veined hafts \$25.00
- HOWDAH** (Hager '86) Yellow bitone; definite big brown-black signals \$20.00
- KIOSK** (Hager '86) Yellow self; brown-black signals. Very wide petals. Floriferous \$20.00

JAPANESE IRIS INTRODUCTIONS:

- KONTAKI ON** (Jonnye Rich '86) Waterflow lavender-blue over silver. Wide, flat form \$25.00
- CENTER OF ATTENTION** (Jonnye Rich '86) Silver, overveined violet, deep violet style arms. \$25.00
- ABUNDANT DISPLAY** (Walter Marx '86) Very floriferous white with orchid to pink tinted styles. \$25.00
- HARLEQUINESQUE** (Walter Marx '86) White ground edged carmine, stippled blue-violet and carmine, hazed blue \$35.00

DAYLILY INTRODUCTIONS:

- VOHANN** (Hager '86) Tetraploid. Bright, true red. Takes heat. \$35.00
- FIESTA BRAVA** (DuBose '86) Bright copper-orange, red blending above throat. Tetraploid. \$35.00

You will find the parentage, fuller descriptions and color photos of the above introductions in our 1986 catalog—\$1.00 on request (not deductible). Mailed first class.

MILLER'S MANOR GARDENS

Roger & Lynda Miller

3167 E. U.S. 224

(219) 597-7403

Ossian, IN 46777

1986 Introductions

BUMBLEBEE DEELITE (J. & G. Norrick) MTB, 18". E-M, S. bright yellow, F. dark maroon, edged yellow; orange beard. This well shaped MTB was admired at the Indy convention and was best seedling of show in Indianapolis, Muncie and Ft. Wayne. Outstanding color combination. Sdlg. JN-82-1: (Pewee X Ornate Pageant) \$15.00

CRISPIN (R. & L. Miller) SDB, 12", E-L. S. white ground, heavily stitched dark bishop's violet; F. white ground, lightly stitched dark bishop's violet; white beards tipped blue. Lightly ruffled. Blooms over long period. Sdlg. 781A: (Skip Stitch X Profiteer) \$12.50

LUCKY MISTAKE (J. & G. Norrick) MTB, 18", E-M. Like the wings of an eagle, graceful shaped light lavender self with white beards. Much noted at the Indy convention. Sdlg. JN-82-3; (Jill Welch X Welch AA-301) \$15.00

MAYA MINT (A. Machulak) MDB, 7". M-L. S. blue green to green, F. blue green with green markings, edged in blue; beards are yellow tipped white; slight sweet fragrance. HC 1985. Sdlg. 79-45-26: [(Bit O' Sky x unknown) X (Peanuts x unknown)] \$10.00

MAYA MIST (A. Machulak) MDB, 7", M-L. S. pale yellow green to cream, F. pale blue gray, light blue spot at tip of white with yellow tipped beards; slight sweet fragrance. HC 1984. Sdlg. 79-45-26B: [(Bit O' Sky x unknown) X (Peanuts x unknown)] \$10.00

SPOOK HOUSE (R. & L. Miller) SDB, 11", M. S. pale veronica violet with deeper color at midribs; F. pale veronica violet, gold dusting at hafts; light blue beards tipped gold. Flowers have ruffled round petals with an overall sheen. Sdlg. 832: (Grey Pearls X Mrs. Nate Rudolph) \$12.50

Previous R & L Miller Introductions

AZTEC TREASURE—TB-1984—Dark buttercup yellow, F. overlaid honey \$17.50

BUBBLING SEAS—TB-1985—S. pale flax blue, F. sea lavender violet .. \$20.00

GOLDEN EYELET—MDB—1983—Golden orange, fuzzy beards

HM 1985. \$ 4.00

JADE STAR—MDB—pumila—1983—Light yellow, green spots. \$ 4.00

KINGSLAND ROYAL—TB-1984—Royal purple, campanula blaze \$15.00

SMIDGET—MDB—1985—White heavily veined & bordered

dark violet. \$10.00

TWIST OF LEMON—MDB—1982—Cream with yellow veins,

HM 1984. \$ 3.00

*Add \$2.25 shipping and handling when ordering from ad.
Send stamp for list.*

PLEASURE IRIS GARDENS

425 East Luna Street

Chaparral, NM 88021

1986 INTRODUCTIONS

TALL BEARDED

(Henry Danielson)

ALASKAN SNOWBALL—Sdlg. B-83-2. TB, 28", M-L. Oyster white self, yellow hafts and beards. This flower is being registered as a tall bearded even though it is ¼ aril, because it shows no aril characteristics whatsoever and will be competing with TBs. The standards are nicely cupped and the falls are very flaring. Three branches and terminal, which has 3 buds. Some branches have 2 spurs, which is uncommon to my knowledge. Up to 12 flowers plus. Very strong stalk with medium size flowers. Strong winds have not bothered this flower. Satin Glass X Dee Mouse \$35.00

HARMONY HIGHLIGHT—Sdlg. B-84-4. TB, 34", M-L. S. blue; F. violet; yellow beards. Excellent branching, strong stalks, nicely ruffled wide blooms. \$25.00

ARILBREDS

CIRCUS PARADE—Sdlg. 83-1. AB (½), 28", E-M. S. white, flushed lavender, veined tan-yellow on edge. F. white, flushed darker lavender, veined tan-yellow on edge, rust red hafts bleeding to side of bright violet beards, deep violet flash below beards. If there ever was an eye catcher, here it is. Standards are somewhat open, showing a mass of brilliant colors. Three to 4 flowers per stalk, pollen fertile. Bionic Burst X Dee Mouse \$25.00

DANCING SHEIK—Sdlg. 83-8. AB (½), 28", E-M. S. creamy white with yellow blaze, midrib veined lavender; yellow styles. F. yellow with large red blaze, yellow signal veined maroon; yellow beards. Three to 5 flowers on very strong stalks, wind resistant. Very good grower and increaser like its pod parent. Excellent addition to the arilbred class. Show quality. Sheik X Dee Mouse \$25.00

ARILS

(Luella Danielson)

COPPER POND—#BP 82-9. OH, 14", M. S. lt. lavender, maroon veining and dotting, darker at midrib. F. coppertone with brown peppering, edges veined brown. Greenish yellow ground showing around maroon signal. Rust styles and crests with brown beards. Excellent form. LH-1 (H. Danielson sdlg.) X Brown Prince \$15.00

JEWELS OF GALILEE—#JP 82-5. OH, 12", M. S. white ground, veined violet-blue, giving the standards a smooth bluish color. F. blue-violet, deep violet markings and large velvety signal. Electric violet styles and crests. Judean Pixie X #211 (D. Shahak sdlg.) \$15.00

STARS OVER LPASO—#L-83-9. AB (½), 18", M. S. soft bright tan with hint of lavender at midrib. F. lt. brown, shade darker than stands with a line splashed violet blaze ⅓ way down. Brown beards tipped violet. Light violet styles and light tan crests. Three slightly ruffled blooms. Nice flowers. Stars Over Chicago X Grecian Form \$15.00

VISITING QUEEN—#SA-82-5. OH, 12", M. S. white, faint lavender veining blending to pink. F. cream ground, rose dotting and sparse veining, cherry red signal. Cream styles and crests with rose dotting on crests. Very pretty overall pink flower. Named after Queen Elizabeth, the first queen to visit friends here in the U.S.A. Pink is one of her favorite colors. Shah Abbas X Fairy Fantasy. \$15.00

ARTISTIC DIVISION EXCLUSIVE

BLUE ARTS—#HD-80-31. AB (¾), 30", M. Blue self. Hoogiana form. Bright blue flowers with strong grape fragrance. Three branches and a spur; frequently 4 open blooms on a stalk. Sister seedling to White Arts. Arranger's choice. Growing habits on both of these irises are like the TBs; very hardy. (Snow Flurry x Hoogiana) X (Collector's Pride x Hoogiana) \$15.00

WHITE ARTS—#HD-80-20. AB (¾), 30", M. White self. Hoogiana form. Pure white flowers with white beards. Three branches and a spur; frequently 4 open blooms on a stalk. This flower and Blue Arts are being introduced for arrangers only. Sib to Blue Arts \$15.00

SIBERIANS

| | |
|--|---------|
| AUGURY —McGarvey. Light rose-pink with orchid cast. Close to pink | \$ 4.00 |
| BEE —McEwen. Dark violet-blue self. Tetraploid | \$ 4.00 |
| BORBELETA —Wadekamper. Dark blue self. Very good grower | \$ 5.00 |
| BUTTER AND SUGAR —McEwen. S. white, veined greenish yellow; F. yellow, veined greenish yellow. White styles, yellow midrib. A beauty | \$10.00 |
| DANCE BALLERINA DANCE —Varner. Tetraploid. Pink amoena. S. pinkish (near white). F. lavender-pink, lighter band at edge. Terrific grower and increaser here | \$25.00 |
| DREAMING YELLOW —McEwen. S. white; F. creamy yellow. Moderately ruffled | \$ 5.00 |
| EWEN —McEwen. S. red wine; F. dark red, pale yellow and brown blaze. Tetraploid | \$ 5.00 |
| LADY OF QUALITY —McEwen. S. light blue-violet; F. lighter blue, edged silver, white signal | \$ 7.50 |
| LAVENDER BOUNTY —McEwen. Lavender-pink, brownish hafts, white signal | \$ 7.50 |
| NAVY BRASS —McEwen. S. navy blue; F. darker, bright gold blaze. Tetraploid | \$ 4.00 |
| ORVILLE FAY —McEwen. Blue self, veined darker. Tetraploid | \$ 3.00 |
| PINK HAZE —McGarvey. Pink self tinted lavender | \$ 5.00 |
| SAIL PLANE —Ennenga. Methyl violet with brownish hafts, small white signal. Very good grower | \$ 5.00 |
| STEVE VARNER —Briscoe. Lavender self; F. veined lavender-blue; ruffled. An outstanding iris; show quality | \$ 5.00 |
| TEAL VELVET —McEwen. Velvety dark reddish purple self | \$ 5.00 |

JAPANESE

| | |
|--|---------|
| BLUEBERRY RIMMED —McEwen. Tetraploid. Very large, similar to Raspberry Rimmed. Violet-blue 1" rim around center of F. A beauty, very scarce and we have only a few left | \$25.00 |
| CAROLINE G. CHILDS —Childs. Purple with deeper blue-purple veins. F. unevenly dotted lavender | \$ 4.00 |
| DRIVEN SNOW —Marx. Beautiful ruffled white self | \$ 3.00 |
| FRECKLED GEISHA —Reid. Ruffled white, edged fine maroon, sprinkled with wine freckles. Green-gold signal and white style arms | \$ 5.00 |
| GOOD OMEN —Marx. Deep wine self. Excellent grower | \$ 4.00 |
| IMPERIAL PEACOCK —Marx. Red, purple and white. | \$ 4.00 |
| MAMMOTH MARVEL —Marx. Rosy red self | \$ 4.00 |
| MISS COQUETTE —Payne. Red-violet self with darker markings | \$ 4.00 |
| PINK LADY —Pink self | \$ 4.00 |
| PRAIRIE BLUEMOON —Hazzard. Dark blue-violet bitone with darker veining; yellow halo, orange-yellow signal. Good grower | \$ 5.00 |
| PRAIRIE VELVET —Hazzard. Large ruffled red-violet, edged white on petaloids, darker veining on falls; yellow signal. Well branched; reblooms here. | \$ 5.00 |
| RASPBERRY RIMMED —McEwen. Tetraploid. White, edged raspberry red. A real beauty that is scarce | \$15.00 |
| SNOWY HILLS —Marx. Double white. A beautiful flower. | \$ 4.00 |
| SUMMER STORM —Marx. Deep violet self | \$ 4.00 |
| VIRGINIA B —Hazzard. Blue-violet bitone | \$ 4.00 |

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These are available to any iris club or group by giving us a 30-day notice and paying shipping costs both ways.

Send for our catalog listing TB, BB, IB, Louisiana, Spuria, Siberian, Japanese. Aril and Arilbred irises as well as old and new tetraploid daylilies. Also, our own Arilbred introductions since 1966 and a newsletter from 1985. Also Aril and Japanese iris culture. Catalog is \$1.00, which can be deducted from your first order. If ordering irises from this ad, include **\$3.00 for postage and handling charges.**

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425 East Luna Street

Chaparral, NM 88021

Offer the following Daylilies

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| BRIGHT SUNSET —Rudolph, 36". Showy burnt orange, fine yellow ruffled pie crust edging | \$5.00 |
| BUNGAREE —Smith, 30". Deep burnt orange, reddish halo. | \$5.00 |
| CHAMONIX —Munson, 30". Ruffled, full, overlapped rose-pink | \$7.50 |
| CHICAGO JEWEL —Marsh, 25". Deep lavender, cream-green throat. | \$7.50 |
| CHICAGO ROYAL HERITAGE —Marsh, 28". Deep royal plum color | \$10.00 |
| HEAVENLY HARP —Bro. Charles, tetraploid. Cream-yellow overlaid gold with pink midribs | \$5.00 |
| JIM MARSH —Marsh, 23". Bright scarlet, yellow-green throat, ruffled edges. A good one. . . | \$12.50 |
| JUNE WINE —Peck. Light lavender with 3/4" violet eye | \$7.50 |
| LEMON LACE —Rudolph, 32". Laced bright lemon yellow, ruffled and fringed at the edges | \$5.00 |
| MY HOPE —Bro. Charles, 22". Cream-pink, heavily ruffled, yellow throat and olive at the base | \$5.00 |
| PINK LIGHTNING —Base color pink | \$5.00 |
| PINK TANGERINE —Rudolph, 34". Blend of pink and tangerine, ruffled pie crust edging. Opens evenings. | \$7.00 |
| RED POLL —Griesbach. Burnt red satin self. Wavy, crimped, ruffled edges and vivid yellow throat | \$5.00 |
| ROSE FESTIVAL —Rudolph, 36". Bright rose-purple with bright red-purple eye and lavender midrib, green throat. | \$7.50 |
| RUBY THROAT —Griesbach, 25". Large, broad red with green throat. A beauty and good grower | \$5.00 |
| SACRED SONG —Bro. Charles, 28". Cream-yellow with hint of pink. | \$5.00 |
| SCARLET TANAGER —Griesbach, 30". Deep red, satin finish, ruffled ivory edge. | \$5.00 |
| SCREECH OWL —Griesbach, 27". Scarlet red petals and sepals are outlined in red tinged cream, ruffled. Very striking | \$5.00 |
| SILVER TRUMPET —Bros. Charles, 26". Lavender petals, ruffled, light pink midrib | \$7.50 |

Include \$3.00 for postage and handling

Henry and Luella Danielson

PROUDLY PRESENTING

1986 INTRODUCTIONS OF LOLETA KENAN POWELL (Our 33rd Year)

| | |
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| PEACEFUL MOMENT —TB, 36", E-L. Extremely heavy flowering purest light blue with pale yellow beards and pronounced sweet fragrance. This iris creates a clump of unforgettable mass beauty! | \$30.00 |
| WEDDING LACE —TB, 36", M-VL. In its pristine, heavily laced whiteness, this is a perfect beauty of an iris! Even white beards. Large and vigorous for a long season. Fragrant. Innocence Abroad X Petit Point | \$35.00 |
| WINE SPLASH —TB, 35", E-VL. A sure-to-be-noticed huge, gay and rippled wine on white plicata with orange-red beards and sweet fragrance. Raspberries and Cream X High Life. | \$30.00 |

Postage \$3.50 per order—July-Oct. delivery

Send \$1.50 (refundable with order) for a 30-page large catalog listing over 600 cultivars of Irises, over 600 Daylilies and an extensive listing of Hostas, Perennials, Rock Garden Plants and Dwarf Conifers.

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Route 3, Box 21

Princeton, NC 27569

PALMER'S IRIS GARDENS

Route 1, Box 152

Geary, OK 73040

CHERRY DELIGHT—SDB, 13", E. S. red-violet; F. red-violet with dark red-violet spot; violet beards. Wide, rounded falls of good substance and light ruffling. Cherry Garden X ((*I. pumila* x mixed TB pollen) x unknown) \$ 7.50

ORANGE PRELUDE—SDB, 13", L. Orange self; tangerine beards. Moderately wide F., good substance. Lillipinkput X Lenna M. . . . \$ 7.50

PRINCESS DOROTHY—SDB, 13", E. S. very pale silvery blue, deeper base. F. very pale blue with violet-blue veined halo spot. Very wide, round falls with nearly overlapping hafts and heavy substance. Yellow beard tipped white. Cindy Mitchell X 7910, light blue seedling of unknown parentage \$10.00

FOXY PINK—SDB, 12", E. S. pink with slightest tint of violet. F. pink with slight tint of violet, orange shoulders, wide, rounded, horizontally flaring and of good substance. Light red beards tipped pale blue. 7525: (Pink Cushion x Dove Wings) X 7607: (Dove Wings x ((Wilma V x unknown) x Little Titan)). \$10.00

SUPER VANILLA—SDB, 14", E. S. very pale yellow with slightly darker base. F. pale yellow with slightly darker rim and light yellow shoulders and halo spot. Very strong vanilla fragrance. Lime Freeze X (Crescent Moon x Little Titan). \$10.00

OKLAHOMA JUBILEE—SDB, 14", E. S. light violet. F. light violet with large dark red-violet spot. Yellow beards tipped very pale blue. Wide, round, horizontally flaring and heavy substance. 7649: (((Wilma V x unknown) x Little Titan) x Bloodspot) X 7601: (Bloodspot x unknown) \$ 7.50

SUNSET HUES—IB, 20", E. S. pink, slightly smoked violet. F. blue-violet. Tangerine beards. Heavy substance and horizontally flaring. Touche X 7607: (Dove Wings x ((Wilma V x unknown) x Little Titan)) \$15.00

BLUE CALICO—IB, 18", M-L. S. white, heavily dotted blue, 1 ¼" solid rim of blue. F. white with ¼" rim of solid blue, few dots outside rim area. Yellow beards tipped pale blue. Wide, round, horizontally flaring and heavy substance. 76114: (((Wilma V x unknown) x Little Titan) x Silver Finery) X Charmed Circle. \$15.00

Add \$2.50 postage and handling on all orders

RIALTO GARDENS

John Weiler
1146 W. Rialto
Fresno, CA 93705



OUTSTANDINGLY DIFFERENT IRISES *Not Just Improvements On Old Themes*

1986 INTRODUCTIONS

SATIN SATAN (Weiler 86) TB 35" (90 cm) E-L. A big, broad, very dark violet, near black self of unusual substance and satin texture. Beards are dark violet. Stalks consistently have 4 branches plus terminal and each has 2 buds per socket for a total of 9-10 flowers well timed for opening sequence to give a long bloom season. Increases rapidly and is fertile both ways. Starts early and continues until late. 79-97-10: Watch It X 75-58-1:(71-22-3:(68-37-1:(((Pierre Menard x Sable Night) x Edenite) x (Congo Song x (Pierre Menard x Sable Night))) x Midnight Special) x Mystique). \$30.00

FAME (Weiler 86) TB 36" (92 cm) M-VL. This brilliant yellow-orange flower has deep orange-red beards, fine form and exceptional smoothness. Stalks have 3 well-spaced branches plus terminal and 7-8 buds. Good foliage and vigorous plants are other desirable features. Outstanding is the tendency for this plant to produce additional bloom stalks, even on one year plants just about the time the first bloom stalks are finishing. This habit s-t-r-e-t-c-h-e-s out the bloom season. 79-157-19: 74-101-2:((((Glittering Gold x Orange Crush)) x (Ballerina x Orange Crush)) x ((Cloth of Gold x Ballerina) x Pompano Peach)) x Fresno Calypso) X 77-15-2:(Georgia Girl x (((Ola Kala x Orange Crush) x Pompano Peach) x (Moon River x Orange Crush))). \$30.00

BRIDAL FASHION (Weiler 86) TB 32" (86 cm) E-M. This cold white is, perhaps, one of the most ruffled flowers we have seen and has leathery substance. Stalks, flowers and foliage are well-proportioned and vigor is a hallmark. Stalks have 3 branches and terminal with 7 buds from early to midseason. Fertile. 79-125-3: Thick and Creamy X 75-47-2:(((Pacific Panorama x Seaside) x Wedding Vow) x Bridal Wreath). \$25.00

SDB REBLOOMERS

SUNSTRIP (Weiler 86) SDB 11" (28 cm) E-L & RE. A distinctive addition to our multi-reblooming SDB race, this is a dark burgundy variegata with bright yellow standards and the falls bordered with a strip of sunny yellow. Blooms heavily in spring with MDB and SDB, rests about 2 weeks and then scatters a few more blooms during mid-TB season and reblooms well again in fall. 81-25-2: Fire One X 79-37-5RE:((Ruby Contrast x Little Blackfoot) x (((Brighteyes X Grace Note) x Bronze Babe) x (Cartwheel x (Brighteyes x Grace Note)))). . . . \$10.00

PLUM WINE (Weiler 86) SDB 11" (28 cm) E-L & RE. A self of satiny smooth, dark, plum red with violet undertones, including the beard. Blooms heavily with MDB and SDB in spring, repeats modestly at mid-TB season and reblooms well in fall again, even from new summer transplants. 82-22-1: Little Bishop X Plum Plum. \$ 7.50

ORIGINATORS OF OTHER DISTINCTIVE IRISES LIKE NAVAJO JEWEL, FLAMING VICTORY, STRIPED JADE, FRESNO FLASH, WATCH IT, AND REBLOOMING SDB

Write for your free copy of our price list which includes a full line of
reblooming median and TB irises

Include \$2.50 postage California residents add 6% tax

Generous Extras

RIVERDALE IRIS GARDENS

7124 Riverdale Road
Minneapolis, Minnesota 55430

Offers the Following 1986 Introductions

From David Johnson:

DUNDERDELL—MDB, 4½". From the valley of the dwarves comes this pumila type, flaring and ruffled iris. Falls overlaid with deep, velvety burgundy and a pencil thin rim of dark violet. Light blue-white beards. Sib to Bink. \$10.00

LIMA COLADA—SDB, 11". Think lime and coconut—for the standards are light cream and the falls lime-gold with ¼" cream border; citrus fragrance. Gentle Smile X Inchalong \$10.00

From Ken Fisher:

LIVELY ROSE—Sdlg. 84-1, MTB, 25". Consummation gave it a slim stem, flaring form and good growth habits. From Slim Jim came its color, a lively rose with yellow beards \$12.50

From W. Terry Varner

CREME LADY—Sdlg. K-315, MTB, 27". Its name says it all. Flaring light cream; wide hafts have very light yellow-brown makings. Pod and pollen fertile. \$12.50

LADY BELLE—Sdlg. K-321, MTB, 27". Very white with purple sanding and stitching at the base of standards and falls, giving an inner glow. Flaring falls and wide hafts. Pod fertile..... \$12.50

LADY OF CHARM—Sdlg. K-347, MTB, 26". Charming light yellow. Flaring yellow falls overlaid light purple, brightened by yellow beards. Pod and pollen fertile \$12.50

Co-introduced with Kirkland Iris Garden. See descriptions in their ad on page 87

From Carol Lankow

| | | |
|-------------|-----|---------|
| LIVE JAZZ | SDB | \$10.00 |
| MOSS BAY | IB | \$12.50 |
| DRESS BLUES | TB | \$20.00 |

From May Belle Wright

| | | |
|-----------------|-----|---------|
| RIGHT FACE | SDB | \$10.00 |
| RIGHT HONORABLE | SDB | \$10.00 |
| MISS RIGHT | IB | \$15.00 |
| ICE CAVE | TB | \$25.00 |

These irises may be seen in and purchased from both gardens. Send \$1.00 for a catalog to: Zula A. Hanson, Riverdale Iris Gardens, 7124 Riverdale Road, Minneapolis, MN 55430.

**1986 Introduction From
TED A. OLSON**

TINT OF MINT (T. Olson). Sdlg. 82-29A. TB, 32", ML. S. pale buff pink (RHS 27C); F. pale buff yellow (19D) faintly tinted green (159D) below light orange beards; lightly laced; slight sweet fragrance; 6-8 buds per stalk, 2 to 3 branches plus terminal; very long bloom season. M. Byes sdlg. X Maraschino. Fertile both ways. \$25.00

1985 Introductions

ALMOST SUMMER—Light golden yellow stds.; F. glistening white, edged light golden yellow; very late bloomer \$20.00

VANITY'S CHILD—Light pink stds; F. very pale pink, veined green; ruffled and very vigorous. \$20.00

Order TINT OF MINT and receive your choice of either '85 introduction as a bonus. Please add \$2.50 to help with shipping. We ship UPS.

REDBUD LANE IRIS GARDEN

Route 1, Box 141

Kansas, IL 61933

Send 39¢ stamp for our descriptive catalog

Introducing for 1986

HELEN WANNER—TB, 34", M. An iris as gracious as the woman for whom it is named. Excellent show and garden qualities. Std. dresden yellow (RHS 5D); violet (88A/B) falls; yellow beards. Three branches plus terminal, 8 buds. Closed stds., round, flaring to semi-flaring falls, ruffled. Sdlg. E6. ((Lord Baltimore x (Gypsy Lullaby x Rippling Waters)) x (Lilac Champagne x Denver Mint)) X (((Lilac Champagne x Denver Mint) x (Gypsy Lullaby x Rippling Waters)) x (Lilac Champagne x Denver Mint)) \$25.00

BELLITAS—BB, 23½", EM. This one is really what the name implies. Std. white; falls light lavender-blue, white blaze around white tipped orange beards. Heavily ruffled. Flower size is 10 cm, stigma is color of falls. Slight vanilla fragrance, 7 buds plus spur and terminal. Sdlg. F21. ((Gypsy Lullaby x Bon Vivant) x Winter Olympics) X Mary Frances \$15.00

PAUL R. SMITH

299 N. Pleasantview Rd.

Sanatoga, PA 19464

Order from this ad



THE ULTIMATE IRIS

Decorate your garden or patio with a FunFlag Iris Windsock. 50" long, silkscreened iris in purples/blues/greens, with green and purple streamers. \$17.00@ includes UPS shipping. Send check to:

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Seattle, WA 98103 (206) 525-0785

SAXTON IRIS GARDEN

1011 COLE DRIVE

HUNTSVILLE, AL 35802

1986 INTRODUCTION

AGENDA (Saxton)—Sdlg. 79-71, TB, 30", M. Medium red-violet self with heavy overlay of gold across the shoulders. Wide erect touching standards with wave and crinkle ruffling. Wide round semi-flaring falls with deep bubble ruffles. Soft orange beards. HC '82 and '85. (LEORA KATE x DENVER MINT) X LEMON MIST \$25.00

PREVIOUS INTRODUCTIONS

| | |
|---|---------|
| SPACEFLIGHT (Saxton '85)—yellow/blue-violet bicolor blend | \$20.00 |
| LOGIC (Saxton '84)—brown plicata. | 20.00 |
| RATIONALE (Saxton '83)—blue plicata. | 12.00 |
| VALIANT HEART (Van Valkenburgh '83)—violet fancy. | 12.00 |
| SPACELAB (Saxton '83)—yellow/pink bicolor blend | 10.00 |
| PROFILE (Saxton '82)—variegata plicata. | 10.00 |
| SYNOPSIS (Saxton '81)—pink plicata | 8.00 |
| LIFESTYLE (Saxton '80)—lavender self. | 6.00 |
| HEART OF DIXIE (Saxton '79)—red-violet self. | 5.00 |
| LIFTOFF (Saxton '79)—yellow/violet bicolor blend | 5.00 |
| STRATEGY (Saxton '79)—dark violet self | 5.00 |

Free Price List Upon Request—Recent Introductions

EYE APPEAL (Spahn '86) TB, 34". Extremely lacy blend that changes color from brown bud to mature flower. Light brown stds. with a lavender tinge. Falls are light lavender, edged brown, with yellow at hafts. Yellow beards. Lavender in falls fades a bit to yellow. HC 1985. Sdlg. 77R1: (Sunrise Symphony X Louise Watts). \$25.00

LONESOME ROAD (Spahn '86) TB, 35". Std. conical, cocoa brown. Falls quite flaring with faint lavender flush at orange-yellow beards and blending to yellow-brown at hafts. Large and vigorous. Sdlg. 80C1: (Malaysia X 74B2: (Kingdom x New Moon)) \$25.00

RELEASE ME (Spahn '86) TB, 34". Std. are frothy light pink. Falls are pink, flushed peach, deeper at hafts with large whitish area around prominent reddish beard. Wide falls flare with lots of pleating. Sdlg. 774A: (After All X Isle of Capri) \$25.00

Any 1986 introduction can be purchased at **HALF PRICE**
with **NO EXTRAS**, or get all 3 for \$35.00.

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Attractive, discounted prices on over 300 newer TBs. Write for list.

FRED E. SPAHN

1229 Lincoln Ave.

Dubuque, Iowa 52001

GEORGE A. SHOOP

12560 S.W. Douglas

Portland, OR 97225

HAWAIIAN QUEEN (Shoop '86). TB, 36", Midseason. Purple brown standards; flaring, orange falls. Red beards. Closed standards. Good stalk and branching. The best from this line. Exciting combination of color! Sdlg. 79-14-4: involves Hula Girl, Dutch Magic and seedlings \$25.00

FIRST WALTZ (Shoop '86) TB, 36", Midseason. Pink standards; rose pink falls. Tangerine pink beards. Ruffled and flaring. Good stalk and branching. Sdlg. 81-24: Beverly Sills X Custom Made. Parents from two fine hybridizers \$25.00

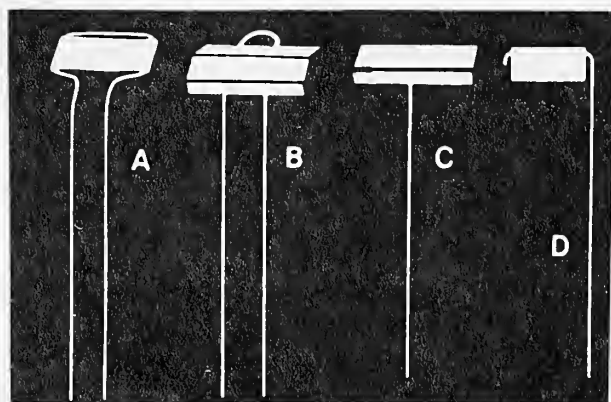
FANTASY LACE (Shoop '86) TB, 36", Midseason. Large, ruffled peach pink self with lots of lace. Strong, tall, heavy stalks that show off the flowers to perfection. Sdlg. 79-22: Rival X Liz \$25.00

PINK CAPER (Shoop '86) SDB, 9", Early-Mid. A ruffled, flaring pink with peach tones. Closed stds. Bright deep tangerine beards. The form is an advance in the tangerine-bearded pink dwarfs. A fine parent. Well balanced plant. Sdlg. 82-B: Bright Vision X Blushes. \$10.00

TILLIE (Shoop '86) SDB, 9", Early-Mid. Lightly ruffled peach self with tangerine beards. Good form and balance. Some branching. Sdlg. 82-A: Bright Vision X Dancin' \$10.00

Two of above TBs—\$40.00

Add \$2.00 for postage and handling



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PERMANENT METAL FLOWER and GARDEN MARKERS

Style A: Rose Marker 100-10" \$16.20 * 15" \$18.10 * 20" \$20.90. Style B: Nursery 100-10" \$18.40 * 15" \$20.65 * 20" \$22.95. Style C: Single Staff 100-20" \$18.20. Style D: Swinger 100-10" \$14.75.

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SPRING HILL IRIS GARDENS

Dave & Elaine Silverberg

27 Spring Hill Drive

Howell, NJ 07731

CRYSTAL PRISM (D. Silverberg) Sdlg. 76-18F, TB, 36", ML. Laced and ruffled white with hint of palest lavender. Show bench bloomstalks with excellent branching and 7-8 buds. Excellent increaser and fertile both ways. Top seedling 1984 with 23 votes. Buffy X Leavitt sdlg.: (Irish Lullaby x sdlg.) HC '84 \$30.00

FIRE TRAILS (D. Silverberg) Sdlg. 77-48A, TB, 36", ML. Standards rich ginger brown with pronounced veining of same color as falls. Falls deep red burgundy with a velvety sheen. Orange beards. Lightly ruffled with 7-8 buds. Gingerbread Castle X Caliente. HC '84 (11 votes) \$25.00

CRASHING WAVE (D. Silverberg) Sdlg. 76-5E, TB, 33", M. Pure white standards over lightly ruffled falls with pale lavender rim and darker lavender blaze down the center of a white ground. White beards. Veneration X Mt. St. Helens. EC '83, HC '84 \$25.00

SPECIAL INTRODUCTORY OFFER (NO EXTRAS)—ALL 3 FOR \$60.00

INTRODUCING FOR FRANK P. JONES

THREE REBLOOMING IRISES

LADY EMMA (F. P. Jones) Sdlg. J-68A, MTB, 24", M & RE. Standards of dresden yellow (RHS 5A) and falls of primrose yellow (7A) with beards of Indian yellow (17A). Rebloom begins in early September in New Jersey and continues through to frost with an average of 8-10 buds per stalk. Named for Frank's wife, Emma, who was, in every respect, a LADY! Twiced Blessed X Autumn Orangelite. EC '84 \$15.00

GRAPE ADVENTURE (F. P. Jones) Sdlg. J-81-63, TB, 29-30", E & RE. Deep violet standards (RHS 86A) over dark violet (83A) falls with a white sunburst blaze around dark violet beards. Superbly abundant grower with 9 branches and rebranches carrying an average of 15-20 plus blooms. Add to all of this the delightful aroma of ripened grapes, making this truly a Grape Adventure. Rebloom begins in mid-September in NJ. (J-75-14: Emma Louisa x J-72-143) X Violet Supreme. EC '85. \$25.00

AUTUMN BUGLER (F. P. Jones) Sdlg. J-81-86, TB, 28", E & RE. Standards slightly darker than spectrum violet (RHS 82A) over dark purple falls. White beards with orange tips. Has 4-5 branches and an average of 8-12 buds. Rebloom begins in mid-August in NJ, and this sib to Grape Adventure sounds the call to another bloom season \$25.00

AGRICULTURAL STREPTOMYCIN—The best treatment for bacterial soft rot \$7.50

No catalog. Please order from this ad. Please include \$2.00 for postage and handling.

HAROLD L. STAHLY

8343 Manchester Drive

Grand Blanc, MI 48439

1986 Introductions

NIGHT LADY (Stahly) TB, EM, 30". Deep red-black; essentially a self including beards; very clean. Wide parts with rounded, semi-flaring falls, very ruffled. Good stalk, 7 or 8 buds, fertile. Sdlg. #80-3: (High Life x Joy Ride) X Defender \$25.00

THORNBERRY (Evelyn Robarts) Horned TB, M, 29". Laced, ruffled raspberry rose self; red-violet beards tipped raspberry, terminating in consistent horns. This clean, beautifully formed flower has wide hafts, good ruffling and lace, and in quality is a thoroughly modern iris with horns. Good stalk with 7 buds, slight fragrance, fertile. Sdlg. #10: (Horned pink sdlg. x Pink Sleigh) X Raspberry Ripples. EC '85. \$25.00

SEA LURE (Evelyn Robarts) TB, M, 36". Reverse amoena; standards light blue, falls very pale blue-white, light orange-yellow beards. This is a nicely formed, ruffled, semi-flaring flower with good color contrast. Well branched, 8 or 9 buds, fertile. Sdlg. #OS-SR-3: Ocean Shores X Surf Rider. \$25.00

Previous Introductions

BLACK FLAG ('84) Black, tall and strong, TB. \$15.00

BLACK MADONNA ('85) Black, excellent form, TB. \$20.00

BLAZER ('84) Orange-brown bicolor, striking color, TB. \$15.00

CHARGER ('85) Deep red, ruffled, TB. \$20.00

FIDDLER ('84) Deep red, ruffled, BB. \$10.00

HIGH STREET ('85) Cream, consistent show stalks, TB. \$22.00

RUFFIAN (Robarts '84) Red-violet, beautiful form, IB. \$ 8.00

SEA AND MIST ('85) Blue bitone with "spot" or blotch, TB. \$18.00

Please include \$2.00 for shipping, which will be in late July and August

VAGABOND GARDENS

Presents

ICE PALACE (Foster '86). Light silvery turquoise blue TB. Good branching, excellent grower. A garden standout. \$25.00

CALIFORNIA GIRL (Foster '86). A shorter TB plicata for the front border. White ground, smoky grey-violet markings with lavender styles. Different! \$25.00

SUNSHINE BOY (Foster '86). Intermediate. White with yellow shadings on hafts. Outstanding form. Instant clumps. Great for the show bench. From Beau X White Lightning \$15.00

Former Introductions

SOUNDS OF SILENCE—Majestic purple \$10.00

MYRA ELIZABETH—Purple-violet with show stalks \$10.00

ROCKY MOUNTAIN HIGH—Snow white. \$12.00

WINE FESTIVAL—Wine plicata \$5.00

ALABAMA BOUND—Multi-branched white. \$5.00

COTATI—Deep purple border, rebloomer. \$5.00

Please include \$5.00 shipping and handling charge and California state tax. Generous extra bonus irises.

11115 Bodega Hwy.

Sebastopol, CA 95472

NEBRASKA-BORN IRISES

Hardy to -20°

See the color ad in the 1986 January *Bulletin* for a picture of our IB special. We are offering a collection of six beautiful Intermediates and we will send you an extra of our choice. These little Irises bloom just after the SDBs and just before the TBs. With both vigor and charm, these beautiful IBs are harbingers of the soon-to-come flood of TB color.

| | | |
|-----------------|------|---|
| LOVE'S TUNE | 1986 | Ruffled white with blue beard |
| MAMA HOOHOO | 1986 | Indian yellow with white spot at tip of beard |
| GOOD AND TRUE | 1986 | Blue with white at tip of beard |
| CUM LAUDE | 1986 | Garnet self—blue ribbon winner |
| AIN'T SHE SWEET | 1986 | Beautiful blue and white plicata |
| PENNYWORTH | 1984 | Copper-brown blend |

Above six plus one IB extra \$25.00

OTHER VARIGAY GARDEN INTRODUCTIONS

SDB COLLECTION See color ad in 1984 January *Bulletin*. Twelve beautiful SDBs—all named and recently introduced. Four received HMs in '85. All twelve for \$25.00

BATIK—BB 1986 White ground striped royal purple. See color ad January, 1986. \$25.00

PEOPLE PLEASER—SDB 1986 Falls spectrum violet—standards Indian yellow—spectrum violet beard \$10.00

KAREN CHRISTINE—TB 85 A beautiful Iris named for a beautiful young lady. See color ad January 1985 *Bulletin* \$20.00

PAINTED PLIC—TB HM '85 Sorry, completely sold out in '85

WAMPUM—IB HM '85. Oxblood red \$ 7.50

ALMOST GLADYS—TB HM '84 Near pink amoena \$10.00

PURPLE STREAKER—TB HM '83. Victoria violet with white stripes . \$ 7.50

PANDORA'S PURPLE—TB HM '83. This unusual plicata has everything \$ 7.50

GENEROUS EXTRAS

Select from the following

| | | |
|------------------------|-----------|--------------------------------------|
| FEATHERED FRIEND | BB HM '83 | White lacerated petals |
| IRIS BOHNSACK | BB HM '83 | Variegated color pattern |
| NICE 'N' NIFTY | IB HM '84 | Dark violet and white plicata |
| TAKE IT EASY | BB HM '84 | Yellow with white spots |
| SHAHROHK MAHROHKI | TB HM '83 | Good brown |
| MISS REGION TWENTY-ONE | | |
| SDB HM '81 | | Yellow with spot pattern |
| INTY GREYSHUN | BB HM '81 | Variegated color pattern |
| PEACHY CREAMY | BB HM '80 | Peachy creamy |
| DOODLE STRUDEL | TB HM '79 | Variegated color pattern |
| AZAP | IB AM '84 | An additional extra with every order |

VARIGAY GARDENS

RFD 3

Allan Ensminger

Lincoln, NE 68505

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1986 Introductions

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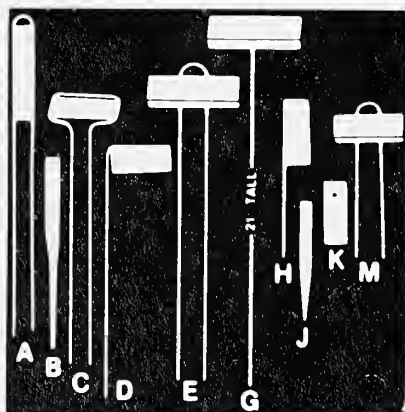
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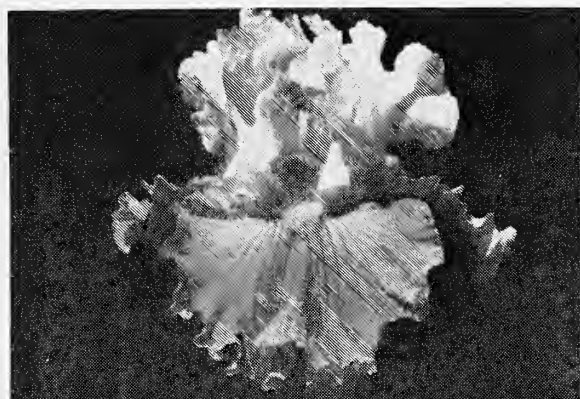
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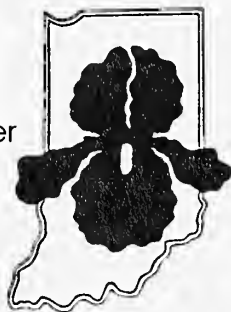
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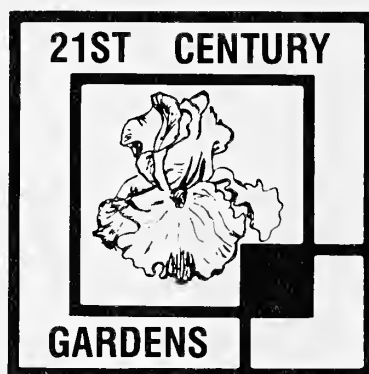


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